



## References

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## Appendix A – Abbreviations

AADT	annual average daily traffic
AAQ	ambient air quality
AARD	Aboriginal Affairs and Reconciliation Division, Department of the Premier and Cabinet
ABS	Australian Bureau of Statistics
AGL	above ground level
ARI	average recurrence intervals
ARTC	Australian Rail Track Corporation
BaP	benzo(a)pyrene
BC	Box culvert
BDBSA	Biological Database of South Australia
BTEX	benzene, toluene, ethylbenzene and xylenes
CBD	central business district
CEMP	Construction Environmental Management Plan
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2-e</sub>	carbon dioxide equivalent
CoRTN	Calculation of Road Traffic Noise (UK 1988)
CSIRO	Commonwealth Scientific and Industrial Research Organisation
dB	decibel
dBA	decibel 'A' weighted
DECC	Department of Environment and Climate Change (NSW)
DEH	Department for Environment and Heritage (SA)
DGAC	dense graded asphaltic content
DITRDLG	Department of Infrastructure, Transport, Regional Development and Local Government
DRAINS	stormwater drainage system design and analysis program
DTEI	Department for Transport, Energy and Infrastructure (SA)
EIA	environmental impact assessment
EMS	estuarine muds and sands
EPA	Environment Protection Authority (SA)
EBS	Environmental Biodiversity Services
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999</i>
GHG	greenhouse gas
GIS	geographic information system
GTP	Gould Thorpe Planning
ha	hectares
HEP	Hindmarsh Enfield Prospect
Hz	hertz
ITS	intelligent transport system

kg/yr	kilograms per year
Kt	Kilotonnes
km/hr	kilometres per hour
LED	light emitting diode
L <sub>eq, 15h</sub>	equivalent (energy averaged) continuous noise level measured over the 15 hour daytime period (7am to 10pm)
LGA	local government area
LOS	level of service
LPG	liquid petroleum gas
MASTEM	Metropolitan Adelaide Strategic Transport Evaluation Model
m/s	metres per second
m <sup>3</sup> /s	cubic metres per second
mbgs	metres below ground surface
MERV 13	minimum efficiency rating value of 13
mm	millimetres
MOSS	Metropolitan Open Space System
MTBE	methyl tertiary butyl ether
MUSIC	Model for Urban Stormwater Improvement and Conceptualisation
Mt	megatonnes
NAW	North Arm West (South Road)
NAW5	North Arm West 5 (Dunstan Road)
NCA	noise catchment area
NEPM	National Environment Protection Measure
NO <sub>2</sub>	nitrogen dioxide
NO <sub>x</sub>	nitrogen oxides
NPI	National Pollutant Inventory
NRM	natural resources management
OEMP	Operational Environmental Management Plan
OLM	ozone limiting method
PAE	City of Port Adelaide Enfield
PAH	polycyclic aromatic hydrocarbons
PDC	principles of development control
PEMP	preliminary environmental management plan
PIRSA	Primary Industries and Resources, South Australia
PM <sub>10</sub>	particulate matter, fine particles less than 10 microns in diameter
PM <sub>2.5</sub>	particulate matter, fine particles less than 2.5 microns in diameter
ppb	parts per billion
PPD	Policy and Planning Division
ppm	parts per million
QED	QED Aurecon
QMR	Queensland Main Roads
RAA	Royal Automobile Association
RAAF	Royal Australian Air Force

RBL	rating background level
RE Walls	reinforced earth walls
RGCW	Regency Golf Course: Wetlands
RL	reduced level
RTNG	Road Traffic Noise Guidelines
SAHT	South Australian Housing Trust
SASP	South Australia's Strategic Plan
SEDMP	soil erosion and drainage management plan
SEIFA	socioeconomic indexes for areas
SEW	South Eastern Wetland
SMA	stone mastic asphalt
SPRG	Senior Project Review Group
SWW	South Western Wetland
TAFE	Technical and Further Education
TAPM	The Air Pollution Model (CSIRO)
TDS	total dissolved solids
TPH	total petroleum hydrocarbon
TSD	Transport Services Division
TSP	total suspended particulate
US EPA	United States Environmental Protection Agency
v/d	vehicles per day
v/h	vehicles per hour
WoNS	weed of national significance
WSUD	water sensitive urban design
µg/m <sup>3</sup>	micrograms per cubic metre
µS/cm	microsiemens per centimetre

## Appendix B – Glossary

acid sulfate soils	naturally occurring soils, sediments or organic substrates (e.g. peat) that are formed under waterlogged conditions and can release sulfuric acid on drying out
A-double	a combination road vehicle consisting of a prime mover towing two semitrailers, with the second trailer connected by a drawbar
'A' weighted	frequency filter applied to measured noise levels to represent how humans hear sounds
arterial road	a road that carries large volumes of traffic, as classified by DTEI
at-grade	on the ground surface
average recurrence interval	likelihood of a flood occurring in a given year e.g. a 100-year ARI flood occurs or is exceeded on average once every 100 years
averaging period	the period over which the average is taken (e.g. 1-hour averaging period is the average of all readings over 1 hour)
batter	the uniform side slopes of walls, banks, cuttings, etc.
B-double	a combination road vehicle consisting of a prime mover towing two semitrailers
biodiversity	the variety of all life forms: different plants, animals and micro-organisms, the genes they contain, and the ecosystems of which they form part
box culvert	pre-manufactured reinforced concrete drainage structure
brackish	slightly saline water containing dissolved salts of 0.5–30 ppm (less salty than sea water at 35 ppm)
brine line	pipeline conveying hyper-saline water (brine) between Dry Creek and Largs North to a processing factory
calcrete	a conglomerate of surficial (relating to the surface) gravel and sand cemented by calcium carbonate
concept (design)	initial functional layout of a concept to provide a level of understanding to later establish detailed design parameters
decibel	unit of sound level measurement
dBA	'A-weighted' scale for measuring noise, which attempts to closely approximate the frequency response of the human ear at low sound pressure levels; the most commonly used scale
deposition	the process of laying down a deposit of something
dense grade	an asphalt produced with aggregate that produces a continual grading to deduce voids
employment lands	lands zoned to provide employment opportunities
facies	a distinctive rock unit that forms under certain conditions of sedimentation, reflecting a particular process or environment
feedback loop	a circuit that feeds back some of the output to the input of a system
fill	material placed in an embankment
flyovers	bridge formed by the upper level of a crossing of two highways at different levels
freeboard	the height between a given water level and the underside of a bridge or top of an embankment

gantry	an overhead structure spanning road or rail carriageways for displaying signals and/or signs
geometric design parameters	requirements that need to be met in road design
geopolymer concrete	concrete that can use 100% recycled industrial waste as the manufacturing inputs, resulting in up to 80% lower carbon dioxide emissions
grade-separated	separation of road, rail or other traffic so that crossing movements, which would otherwise conflict, are at different elevations
habitat	locality or environment where a plant, animal, population or community of interest lives; each living organism has a preferred habitat with the physical surroundings having a direct bearing on the organism's function and survival
Holocene age	a period in geological time, approximately 11,000 years ago
illuminance	level of brightness emitted by a light on to any surface exposed to the light source
indigenous	originating and living or occurring naturally in an area or environment
interchange	a grade separation of two or more roads with one or more interconnecting carriageways
intermodal	terminal where freight (generally containers) is transferred from one mode (e.g. rail) to another (e.g. road)
introduced species	an animal or plant that has been introduced to an area where it normally does not occur
LAeq, T	A-weighted equivalent continuous sound pressure level over T measurement period, used to quantify the average noise level over a time period
LA10	A-weighted sound pressure level exceeded for 10% of the measurement period; usually used as descriptor for intrusive noise level
LA90	A-weighted sound pressure level exceeded for 90% of the measurement period; usually used as descriptor for background noise level
LA10, 15min	A-weighted sound pressure level exceeded for 10% of the time when measured over a 15 minute period; usually used as descriptor for intrusive noise level
LAm <sub>ax</sub>	maximum A-weighted sound pressure level for measurement period
level of service	description of the traffic operation of a particular section of road
L <sub>eq</sub>	energy average noise from a source; equivalent continuous sound pressure level over a given period
longitudinal culvert	a culvert that runs parallel to the road
luminance	a measure of brightness at a given distance from a light source
Manning	Manning roughness coefficient is the resistance of the bed of a channel to the flow of water in it
migratory species	a mobile organism that changes habitat according to season, climate, food supply, etc. often across vast distances and along defined paths
monetised	cost in dollars

National estate	those places, being components of the natural or cultural environment of Australia, that have aesthetic, historic, scientific or social significance, or other special value for future generations and for the present community
native	animals or plants that originate in the region in which they are found, are not introduced and naturally occurring in the area
noise log	a record of the sound given at different positions
non-monetised	costs which are tangible but not easily defined in dollar terms
outwash plain	a broad, outspread flat or gently sloping alluvial deposit of outwash
over-dimension vehicle	vehicle, due to its mass or dimensions, precluded by legislation from using public roads without following a prescribed route or obtaining a special permit from the relevant traffic authority
overpass	a grade separation where the subject carriageway passes over an intersecting carriageway or railway
perched watertable	groundwater separated from an underlying body of groundwater by unsaturated rock or soil
phreatic surface	the groundwater table
plasticity	a condition of a material when it can be easily remoulded, e.g. moist to wet clay soils
pre-European	before European settlement (1836 in South Australia)
rating background level	overall single figure background level representing each assessment period (day/night)
recent	geological time period from the present day to 10,000 years BP (before present)
remnant	a small surviving component of an original extent; includes all intact and predominantly intact indigenous vegetation communities
road train	a combination road vehicle, other than a B-double, consisting of a prime mover towing two or more trailers
sensitive receptors	residences, schools and other non-commercial places that are permanently occupied by people
significant tree (under <i>Development Act 1993</i> )	all exotic and native trees with a trunk circumference of 2 m or greater, or in the case of trees with multiple trunks, those with trunks with a total circumference of 3 m or more and an average circumference of 625 mm or more (measurements taken at 1 m above natural ground level)
South Eastern Wetlands	ephemeral wetland at southeastern corner of Port River Expressway and South Road
South Western Wetlands	ephemeral wetland at southwestern corner of Port River Expressway and South Road
stone mastic asphalt	asphalt with special grading and binders to produce a high level of resistance to road deformations
study area	within the area defined by Churchill Road, Regency Road, Hansen Road and the Port River Expressway
subjective response	(to changes in noise levels): a 3 dBA change in sound pressure level is just noticeable or perceptible to the average human ear; a 5 dBA increase is quite noticeable and a 10 dBA increase is typically perceived as a doubling in loudness
surficial fill	soil and other material used as a foundation for the road pavement

swale (drainage)	a wide surface water channel, usually 5–10 m wide
vegetation communities	make-up of the vegetation according to the plant species present and the relative cover of each
visual catchment	extent to which a roadway can be viewed from nearby areas or other areas viewed by the travelling public
voided box	a design element within a bridge deck structure



## Appendix C – Bibliography

- Aurecon. 2009. Northern Connector Technical Report 3 – Air Quality. Department for Transport, Energy and Infrastructure, Walkerville SA
- Australian Biological Resources Study. 2001. Flora of Australia: Volumes 11A and 11B: Acacia. CSIRO Publishing Collingwood Vic.
- Australian Bureau of Statistics, 2009. Census Data 2006, [www.abs.gov.au/Census](http://www.abs.gov.au/Census). Accessed 10 August 2009
- Australian Cultural Heritage Management. 2006. Aboriginal Cultural Heritage Survey and Cultural Management Plan for Sturt Highway. ACHM, Hindmarsh SA.
- Australian Cultural Heritage Management. 2007. Aboriginal Cultural Heritage Survey for Munno Para West. ACHM, Hindmarsh SA.
- Australian Cultural Heritage Management. 2008. Aboriginal Cultural Heritage Survey and Cultural Management Plan for the Northern Expressway. ACHM, Hindmarsh SA.
- Austrroads. 2002. An approach to the validation of road traffic noise models. Austrroads Publication No. AP-T14/02.
- Austrroads. 2005. Modelling, measuring and mitigating road traffic noise. Austrroads Publication No. AP-R277/05.
- Bhatia R and Rivard T. 2008. Assessment and mitigation of air pollutant health effects from intra-urban roadways: Guidance for land use planning and environmental review. Occupational and Environmental Health Section Dept. of Public Health City and County of San Francisco, CA.
- Brown and Root Services Asia Pacific Pty Ltd, 2001b: Port River Expressway Environmental Report. Transport SA, Walkerville SA.
- Brown and Root Services Asia Pacific. 2001a. Port River Expressway, Compilation of Subconsultants Reports, Volume 2. Transport SA, Walkerville SA.
- Brundtland, G, 1987. Our Common Future: Report of the World Commission on Environment and Development. Oxford University Press, Oxford.
- City of Port Adelaide Enfield, 2009. Port Adelaide Enfield (City) Development Plan – Consolidated 11 June 2009, [www.planning.sa.gov.au](http://www.planning.sa.gov.au). Accessed 10 August 2009.
- City of Port Adelaide Enfield. 2004. Port Adelaide Enfield City Plan 2004–2009.
- City of Port Adelaide Enfield. 2009. Enfield history, [www.portenf.sa.gov.au](http://www.portenf.sa.gov.au). Accessed 30 July 2009.
- Commonwealth Scientific Information and Research Organisation. 2009. Australian Biological Resources Study.
- Consulting Environmental Engineers. 2007. Northern Expressway Air Quality Technical Paper. Department for Transport, Energy and Infrastructure, Walkerville SA.
- DEH. 2008. Adelaide Mount Lofty Ranges Threatened Species Profiles. Department for Environment and Heritage, Adelaide. [www.environment.sa.gov.au/biodiversity/threatened-species/threatened.html](http://www.environment.sa.gov.au/biodiversity/threatened-species/threatened.html)
- Department for Trade and Economic Development, 2009. Industry Profile: Defence [www.southaustralia.biz/Investing-in-SA/Industry-Profiles/Defence.aspx](http://www.southaustralia.biz/Investing-in-SA/Industry-Profiles/Defence.aspx)
- Department for Trade and Economic Development, 2009. Industry Profile: Minerals and Energy [www.southaustralia.biz/Investing-in-SA/Industry-Profiles/Minerals-and-Energy.aspx](http://www.southaustralia.biz/Investing-in-SA/Industry-Profiles/Minerals-and-Energy.aspx)
- Department for Trade and Economic Development. 2009. Industry Profile: Automotive [www.southaustralia.biz/Investing-in-SA/Industry-Profiles/Automotive-.aspx](http://www.southaustralia.biz/Investing-in-SA/Industry-Profiles/Automotive-.aspx)

- DTEI. 2008. Desktop Review of Ground Water. Department for Transport, Energy and Infrastructure, Walkerville SA.
- DTEI. 2007. Road traffic noise guidelines. Department for Transport, Energy and Infrastructure, Walkerville SA.
- DTEI. 2008. Strategic Infrastructure Plan 2008. Department for Transport, Energy and Infrastructure, Walkerville SA.
- DTEI. 2007. Infrastructure Works at Night Operational Instruction 21.7. Department for Transport, Energy and Infrastructure, Walkerville SA.
- DTEI. 2008. Northern Expressway Environmental Report. Department for Transport, Energy and Infrastructure, Walkerville SA.
- Department of Environment and Conservation (NSW). 2005. Approved methods for the modelling and assessment of air pollutants in New South Wales, [www.environment.nsw.gov.au/resources/air/ammodelling05361.pdf](http://www.environment.nsw.gov.au/resources/air/ammodelling05361.pdf)
- Department of Planning and Local Government. 2007. Planning Strategy for Metropolitan Adelaide (includes Appendix 4: Residential Metropolitan Development Program). Government of South Australia, Adelaide.
- Department of Planning and Local Government. 2009. Draft 30-year Plan for Greater Adelaide. Government of South Australia, Adelaide.
- Department of Planning and Local Government. 2009. Metropolitan Land Strategy. Government of South Australia, Adelaide.
- DEWHA. 2006. EPBC Act Policy Statement 1.1 Significant Impact Guidelines. Matters of National Environmental Significance. Department of the Environment, Water, Heritage and the Arts, Canberra.
- DEWHA. 2009. Species Profile and Threats Database: *Merops ornatus* Rainbow Bee-eater, Accessed September 2009. Department of the Environment, Water, Heritage and the Arts, Canberra.
- Environment and Biodiversity Services (EBS) (2009). Vegetation Survey, North – South Corridor (Port River Expressway to Regency Road) Environment Report. Prepared for the Department for Transport, Energy and Infrastructure.
- Eco Management Services. 1997. Vegetation projects at the MFP DC Site at Gillman, Vascular Flora Surveys, Flora Database, Vegetation and Habitat Development., Prepared for Environmental Division
- Eco Management Services. 1999. Barker Inlet, Magazine Creek and Range Wetlands Monitoring and Research Programme. Report on Study Findings. Department for Administrative and Information Services, Adelaide.
- Edmonds V. 1995a. An archaeological survey of Magazine Creek Wetlands site, Adelaide. Archaeological Consulting Services, Adelaide.
- Edmonds V. 1995b. An archaeological survey of the Range Wetlands site, Adelaide. Archaeological Consulting Services, Adelaide.
- Edwards R. 1972. The Kurna people of the Adelaide Plains. South Australian Museum, Adelaide.
- Environment Protection and Heritage Council. 2003. National Environment Protection (Ambient Air Quality) Measure [www.ephc.gov.au/nepms/air/air\\_nepm.html](http://www.ephc.gov.au/nepms/air/air_nepm.html)
- Environment Protection Authority. 2004. Air quality monitoring hot spot report 5 – Port Stanvac and O'Sullivan's Beach. EPA, Adelaide. [www.epa.sa.gov.au/pdfs/air\\_stanvac.pdf](http://www.epa.sa.gov.au/pdfs/air_stanvac.pdf)
- Environment Protection Authority. 2005. South Australia's Ambient Air Quality Monitoring Program – a Review. EPA, Adelaide. [www.epa.sa.gov.au/pdfs/amp\\_review.pdf](http://www.epa.sa.gov.au/pdfs/amp_review.pdf)
- Environment Protection Authority. 2006. EPA Guidelines – Air quality impact assessment using design ground level pollutant concentrations (DGLCs). EPA, Adelaide. [www.epa.sa.gov.au/pdfs/guide\\_airquality.pdf](http://www.epa.sa.gov.au/pdfs/guide_airquality.pdf)

- Environment Protection Authority. 2007. South Australia's air quality 2006. EPA, Adelaide.  
[www.epa.sa.gov.au/pdfs/air\\_quality\\_2006.pdf](http://www.epa.sa.gov.au/pdfs/air_quality_2006.pdf)
- Environment Protection Authority. 2008. South Australian EPA Air Quality Report 2007. EPA, Adelaide.  
[www.epa.sa.gov.au/pdfs/air\\_quality\\_2007.pdf](http://www.epa.sa.gov.au/pdfs/air_quality_2007.pdf)
- GCD Alliance. 2006. Environmentally Relevant Activity Report: Chapter 9 Air Quality.  
[www.desalinfo.com.au/data/docs/enviro\\_reports/desal\\_9\\_airquality.pdf](http://www.desalinfo.com.au/data/docs/enviro_reports/desal_9_airquality.pdf)
- Golder Associates. 2001. Preliminary environmental site assessment: Portion of Site B64, Wingfield, South Australia.
- Gould Thorpe Planning. 2009. Stage 1: Planning Study and Concept Design – Stakeholder Engagement Report (North–South Corridor).
- Planning SA. 2007. Metropolitan Adelaide Industrial Land Strategy. Government of South Australia, Adelaide.
- Government of South Australia. 2007. South Australia's Strategic Plan 2007.
- Housing SA. 2005. Housing Plan for South Australia. Government of South Australia, Adelaide.
- Hurley PJ, Physick WL and Luhar AK. 2005 TAPM: A practical approach to prognostic meteorological and air pollution modelling. *Journal of Environmental Modelling & Software*, 20(6), 737–752.
- InfraPlan. 2009. Determination of population and employment projections by transport zones for both medium and high growth scenarios. Department for Transport, Energy and Infrastructure, Walkerville SA.
- Jessop. J, Gilbert. R, Dashorst. 2006. Grasses of South Australia, An Illustrated Guide to the Native and Naturalised Species. The Board of Botanic Gardens of Adelaide and the State Herbarium.
- Kinhill Delfin Joint Venture. 1990. Interim working paper: An archaeological survey of the proposed MFP – Adelaide Site, 1990.
- Kraehenbuehl D. 1996. Pre-European Vegetation of Adelaide: A survey from the Gawler River to Hallett Cove. Nature Conservation Society of South Australia, Adelaide.
- Lewis HJ. 1985. Enfield and the northern villages. Corporation of the [City of Enfield](#)
- Melbourne Water. 2007. Seawater Desalination Feasibility Study. GHD & Melbourne Water.
- Metone. 2003. BAM1020 Training Manual [www.metone.com/aerosoldocs/BAM\\_3-sytem\\_training.pdf](http://www.metone.com/aerosoldocs/BAM_3-sytem_training.pdf)
- National Pollutant Inventory. 2000. Emission Estimation Technique Manual for Mining and Processing of Non-Metallic Minerals Version 2.0. Environment Australia, Canberra.  
[www.npi.gov.au/handbooks/approved\\_handbooks/pubs/nonmetallic.pdf](http://www.npi.gov.au/handbooks/approved_handbooks/pubs/nonmetallic.pdf)
- New Zealand Ministry for the Environment. 2004. Good practice guide for atmospheric dispersion modelling – 3 specialised applications of dispersion modelling  
[www.mfe.govt.nz/publications/air/atmospheric-dispersion-modelling-jun04/html/page6.html](http://www.mfe.govt.nz/publications/air/atmospheric-dispersion-modelling-jun04/html/page6.html)
- NSW DECC. 2008. A glossary of terms used in all aspects of air quality management,  
[www.environment.nsw.gov.au/resources/air/glossary07268.pdf](http://www.environment.nsw.gov.au/resources/air/glossary07268.pdf)
- PlantNet. 2009. Flora on line. National Herbarium of New South Wales, Botanic Gardens Trust.  
[plantnet.rbgsyd.nsw.gov.au/floraonline.htm](http://plantnet.rbgsyd.nsw.gov.au/floraonline.htm)
- Puri K, Dietachmayer GS, Mills GA, Davidson NE, Bowen R and Logan LW, 1998. The new BMRC Limited Area Prediction System, LAPS, *Australian Meteorological Magazine*, 47, 203–223.
- Queensland Department of Main Roads. 1997. Road planning and design manual.
- Queensland EPA. 2006. Carbon monoxide: Health effects; Measurement of carbon monoxide. Environment and Resource Management Queensland Government.  
[www.epa.qld.gov.au/environmental\\_management/air/air\\_quality\\_monitoring/air\\_pollutants/carbon\\_monoxide/](http://www.epa.qld.gov.au/environmental_management/air/air_quality_monitoring/air_pollutants/carbon_monoxide/)

- Stone Y, Ahern CR and Blunden B. 1998. Acid Sulfate Soil Manual. NSW Acid Sulfate Soils Management Advisory Committee, Wollongbar NSW.
- Tindale NB. 1974. The Aboriginal tribes of Australia: Their terrain, environmental controls, distributions, limits and proper names, ANU Press, Canberra.
- Tindale NB. 1987. The wanderings of Tjirbruki: A tale of the Kurna people of Adelaide. *Records of the South Australian Museum*, 20, 5–13.
- Tobin J. 1974. What is permanent endowment income *American Economic Review*, 64(2), 427–432.
- Transport SA. 2001. Third River Crossing Port River Expressway – Stage 1: Contamination Investigation and Geotechnical Investigation for Embankment.
- Transport SA. 1999. Cultural heritage guidelines. Department for Transport, Energy and Infrastructure, Walkerville SA.
- UKDOE. 1988. Calculation of Road Traffic Noise. UK Department of Environment Welsh Office HMSO.
- US Department of Transportation, Federal Highway Administration. 2005. Assessing the effects of freight movement on air quality at the national and regional level – Final report.
- US EPA. AP42 (fifth edn) Compilation of Air Pollutant Emission Factors: Volume I: Stationary point and area sources. US Environmental Protection Agency. [www.epa.gov/ttn/chief/ap42/index.html](http://www.epa.gov/ttn/chief/ap42/index.html)
- Water Corporation. 2008. Southern Seawater Desalination Project – Environmental Impact Assessment Public Environmental Review Final. Water Corporation, Leederville WA. [www.watercorporation.com.au/D/desal2\\_per.cfm](http://www.watercorporation.com.au/D/desal2_per.cfm)
- Woodburn J and Anchor M. 2008a. North–South Corridor: Port River Expressway to Grand Junction Road preliminary geotechnical assessment.

## Appendix D - Acknowledgements

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