



BaT project

Appendix L
Glossary of terms



Appendix L. Glossary of terms

Abbreviations and terms used in the EIS:

24/7	24 hours a day, 7 days a week
AADT	Annual Average Daily Traffic
AASS	Actual Acid Sulphate Soils
ABS	Australian Bureau of Statistics
AEP	Annual Exceedance Probability
AHD	Australian Height Datum
ALFN	Assessment of Low Frequency Noise
Ambient	The background level at a specified location, being a composite of all sources. Examples include noise and air pollutants.
ANZECC	Australian and New Zealand Environmental Conservation Council
ASS	Acid Sulphate Soils
ASSMP	Acid Sulphate Soil Management Plan
ATP	Automatic Train Protection
AWDT	Average Week Day Traffic
BAMM	Biodiversity Assessment and Mapping Methodology
BCC	Brisbane City Council
BCTA	Brisbane Central Traffic Area
B-Double	A long articulated heavy vehicle
BMT	Brisbane Multi-modal Terminal
BMTMC	Brisbane Metropolitan Transport Management Centre
BOM	Bureau of Meteorology
BPA	Biodiversity Planning Assessment
BSTM	Brisbane Strategic Transport Model
BSTM-MM	A computerised, calibrated multi-modal transport planning model that forecasts travel demand, traffic flows and public transport patronage based on demographic and land use parameters and transport network characteristics
BTEX	benzene, toluene, ethylbenzene, and xylene
Busway	A busway provides a high level of service characterised by bus stations and dedicated right of way for buses.
CCTV	Closed Circuit Television
CEMP	Construction Environmental Management Plan
CGE	Computable General Equilibrium
CHMP	Cultural Heritage Management Plan
CLEM7	Clem Jones Tunnel (also known as the North-South Bypass Tunnel)
CLR	Contaminated Land Register
CO	Carbon monoxide
CO2	Carbon dioxide

Community Relations Monitor	The person or entity referred to in Chapter 18 - Draft Outline EMP
Controlled action	An action within the meaning of the term in the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cth)
Coordinator-General	The Officer appointed under the provisions of the <i>State Development and Public Works Organisation Act 1971</i> to be the Coordinator-General
CPRS	Carbon Pollution Reduction Scheme
CSQ	Construction Skills Queensland
CTMP	Construction Traffic Management Plan
Cut and cover	A method of tunnel construction involving 'top-down' excavation preceding the installation of a cover structure and possible back-filling above the cover
Dangerous goods	Dangerous goods means asbestos or anything defined under the Australian Dangerous Goods Code as either dangerous goods or too dangerous to be transported.
dBA	A-weighted sound pressure measured in decibels
DCDB	Digital Cadastral Data Base
DD Act	Disability Discrimination Act 1992
Degree of saturation (DOS)	This is the calculated ratio between the demand flow rate and the capacity for each movement. When the maximum DOS value for any movement is above 95% then the intersection is regarded as over saturated or operating above its practical capacity. This means that it will take more than one cycle of the signals to progress through the intersection. DOS values above 1.0 typically indicate that several movements will fall within this category
DEHP	Department of Environment and Heritage Protection
DEM	Digital Elevation Model
DFE	Defined Flood Event
DNRM	Department of Natural Resources and Mines
DSAPT	Disability Standards for Accessible Public Transport 2002
TMR	Department of Transport and Main Roads
Dual gauge line	A railway line capable of accommodating trains with two different wheel gauges. In Queensland dual gauge tracks are capable of accommodating standard gauge trains (1435 mm wheel spacing) and narrow gauge trains (1067 mm wheel spacing)
EEO Act	Energy Efficiency Opportunities Act 2006
EHMP	Ecosystem Health Monitoring Program
EIS	Environmental Impact Statement
Elasticity	Elasticity is the ratio of the incremental percentage change in one variable with respect to an incremental percentage change in another variable; for example change in demand with change in fare price.
EMP	Environmental Management Plan
EMR	Environmental Management Register
EMS	Environmental Management System, in this EIS is consistent with ISO14000
EMU	Electric Multiple Unit (Type of rail passenger rolling stock)
Environmental Monitor	The person or entity referred to in Chapter 18 – Draft Outline EMP
EP Act	Environmental Protection Act 1994

EP Regulation	Environmental Protection Regulation 2009
EPBC Act	Environment Protection and Biodiversity Conservation Act 1999
EPP	Environmental Protection Policy (under the EP Act)
ESCP	Erosion and Sediment Control Plan
ESD	ecologically sustainable development
ETS	Emissions Trading Scheme
EVR	endangered, vulnerable or rare, regarding protected species
FIDIC	International Federation of Consulting Engineers
Fisheries Regulation	Fisheries Regulation 2008
Flat junction	an at-grade rail junction that allows trains to switch tracks
FTE	Full Time Equivalents
GDA94	Geocentric Datum of Australia 1994
GFA	Gross Floor Area
GHG	Greenhouse Gas
GSP	Gross State Product
GST	Goods and services tax
HAT	Highest Astronomical Tide
HCSMUs	High Capacity Suburban Multiple Unit
HFP	High Frequency Priority
HOV	High Occupancy Vehicle
Hz	Hertz
IAS	Initial Advice Statement
ICB	Inner City Bypass
ICRCS	Inner City Rail Capacity Study
IDAS	Integrated Development Assessment System
IECA	International Erosion Control Association
IGANRIP	Interim Guideline for the Assessment of Noise from Rail Infrastructure Projects
ILTP	Integrated Local Transport Plan
ILUA	Indigenous Land Use Agreement
IM	Inter Modal
IMP	Incident Management Plan
IMT	Inter Modal Terminal
IMU	Interurban multiple unit (Type of rail passenger rolling stock)
INB	Inner Northern Busway
Integration	Refers to the extent to which the proposed development or component of the proposed development can be blended into the existing landscape.
Integrated ticketing	One ticket than can be used on multiple public transport modes
IPCC	Intergovernmental Panel on Climate Change
JAMBA	agreement between the Government of Australia and the Government of Japan for the Protection of Migratory Birds in Danger of Extinction and their Environment

JV	Joint Venture
KGS	King George Square
km	kilometre
kph	kilometre per hour
KRA	Key Resource Area
Kwh	Kilowatt hour
LA₁	The A-weighted noise level exceeded for 1% of a given measurement period. This parameter is often used to represent the typical maximum noise level in a given period
LA₁₀	The A-weighted noise level exceeded 10% of a given measurement period and is utilised normally to characterise average maximum noise levels
LA₉₀	The A-weighted noise level exceeded 90% of a given measurement period and is representative of the average minimum background noise level (in the absence of the source under consideration), or simply the “background” level
LA_{eq}	The A-weighted average noise level. It is defined as the steady noise level that contains the same amount of acoustical energy as a given time-varying noise over the same measurement period
LA_{max}	The maximum A-weighted noise level associated with a sampling period
LGA	Local Government Area
LGMS	Local Growth Management Strategy
LOS	Level of Service
LSZH	Low Smoke Zero Halogen
LVIA	Landscape and Visual Impact Assessment
Metro	A metro is a high-frequency, high-capacity passenger transport system independent of traffic or pedestrians.
MIC	Maximum Instantaneous Charge
MSDS	Material Safety Data Sheet
MSL	Mean Sea Level
MVA	MegaVoltAmpere
NALL	Natural Assets Local Law 2003
NAPSP	Natural Assets Planning Scheme Policy
NATA	National Association of Testing Authorities
NC Act	Nature Conservation Act 1992
NC Protected Plants Plan	Nature Conservation (Protected Plants) Conservation Plan 2000
NEPC	National Environment Protection Council
NEPM	National Environmental Protection Measures
NES	National Environmental Significance
Network volume difference plots	Identify the increase or decrease in total vehicles on each link of a road network as the result of a new transport project.
NGER Act	National Greenhouse and Energy Reporting Act 2007
NHMRC	National Health and Medical Research Council
NIEIR	National Institute of Economic and Industry Research
NIAPSP	Noise Impact Assessment Planning Scheme Policy

NNMP	Network Noise Management Plan
NO₂	Nitrogen dioxide
Nomenclature	Terminology pertaining to particular technical fields (eg acoustics, atmospheric, engineering, legal interpretation)
Non-steady state	Noise having fluctuations of sound pressure level within the monitoring period
NOHSC	National Occupational Health and Safety Commission
NO_x	Nitrogen oxide
NSESD	National Strategy for Ecologically Sustainable Development 1992
NT Act	Native Title Act 1993
NTU	Nephelometric Turbidity Units
NWQMS	National Water Quality Management Strategy
NWTC	North West Transport Corridor
OEMP	Operations Environmental Management Plan
OH&S	Operational Health and Safety
OHLE	Over Head Line Equipment
On time reliability (Rail)	A key rail performance indicator by measuring whether rail services adhere to published timetables
PA Hospital	Princess Alexandra Hospital
PAHs	Polycyclic Aromatic Hydrocarbons
PASS	Potential Acid Sulphate Soils
PCU	Passenger Car Unit
pH	a measure of the acidity or basicity of an aqueous solution
PIDS	Passenger Information Display Screen
PM₁₀	Particulate matter with equivalent aerodynamic diameter less than 10 µm
PM_{2.5}	Particulate matter with equivalent aerodynamic diameter less than 2.5 µm
PPV	Peak Particle Velocity
Proponent	the person or entity who, under the <i>State Development Public Works Organisation Act 1971</i> , proposes the coordinated project being the Bus and Train project
PSD	Platform Screen Doors
PUP	Public utility plant
QR	Queensland Rail
QWQG	Queensland Water Quality Guidelines
QUT	Queensland University of Technology
RACAS	Rail Assessment of Capacity Alternatives Study
RAP	Remediation Action Plan
RAPID	Real Time Advanced Priority and Information Delivery
RBL	Rating Background Level
RBWH	Royal Brisbane and Women's Hospital
RCH	Royal Children's Hospital
RE	Regional Ecosystems
REDD	Regional Ecosystem Description Database

RIFA	Red Imported Fire Ants
Roadheader	A machine equipped with a rotating head with high-strength picks, used for excavating rock
ROKAMBA	Republic of Korea-Australia Migratory Bird Agreement
RUSLE	Revised Universal Soil Loss Equation
SAP	Sampling and Analysis Plan
SCA	Special Context Areas
SDPWO Act	State Development and Public Works Organisation Act 1971
Sector (rail)	a group of railway lines and services which generally share a common section of track, but which are separate to other sectors
Sectorisation	The process of dividing a complex rail network into set of different sectors with the aim of reducing crossover and conflict between sectors
SEQTS	South East Queensland Travel Surveys
SIDRA	Signalised and un-signalised Intersection Design and Research Aid. A computer analysis package that is a widely accepted analytical tool for specifically assessing the operation of intersections
SIR	Site Investigation Report
SMEs	small to medium enterprises
SMP	Site Management Plan
SMU	Suburban Multiple Unit (type of rail passenger rolling stock)
SNL	Specific (Intrusive) Noise Levels
SNV	Significant Native Vegetation
SO₂	Sulphur dioxide
SPCC	State Pollution Control Commission
SP Act	Sustainable Planning Act 2009
Spoil	material (such as rock and soil) removed during excavation of the tunnel
SPP	State Planning Policy
SP Reg	Sustainable Planning Regulation 2009
SPRP	State Planning Regulatory Provisions
Steady state	Noise having minimal fluctuations of sound pressure level within the monitoring period
Study corridor	The corridor identified in the Initial Advice Statement and referred to by the Coordinator-General when designating the Project as a coordinated project
t CO₂-e	Tonnes of CO ₂ equivalent
TBM	Tunnel Boring Machine
TEU	Twenty-foot Equivalent Unit
TI Act	Transport Infrastructure Act 1994
TOD	Transit Oriented Development
ToR	Terms of Reference
TPC Act	Transport Planning and Coordination Act 1994
TLP	Train Load Predictor
Track slewing	The realignment of rail tracks, usually involving a curve to change direction
Truck and dog	A configuration of truck, involving a rigid-body tip-truck towing a large trailer usually with three axles. The configuration typically has a payload of up to 30 tonnes of loose material

TSP	Total Suspended Particulates
UNFCCC	United Nations Framework Convention on Climate Change
UPS	Uninterruptible Power Supply
UQ	University of Queensland
UST	Underground Storage Tank
UXO	Unexploded Ordnance
V/C	Volume over capacity
VHT	Vehicle Hours Travelled
VKT	Vehicle Kilometres Travelled
VM Act	Vegetation Management Act 1999
VMS	Variable Message System
VOC	Volatile Organic Compounds
VoC	Vehicle operating costs
VPH	Vehicles per hour
VPO	Vegetation Protection Order
VUV	Valued Urban Vegetation
Water Act	Water Act 2000
Worksite	A worksite described in Volume 1 (Chapter 3 – Project description) and designated on drawings in Volume 2 of this EIS
WQO	Water Quality Objective
WRP	Water Resource Plan
WSUD	Water Sensitive Urban Design
XPT	Express Passenger Train
µg/L	micrograms per litre
µg/m³	microgram per cubic metre
µS/cm	microsiemens per centimetre
µm	Micrometre