

GLOSSARY

\$M	million dollars
%	percentage
<	less than
>	greater than
≤	less than or equal to
≥	greater than or equal to
°	degrees
°C	degrees Celsius
AADT	Annual Average Daily Traffic
ACARP	Australian Coal Association Research Program
ACHMP	Archaeological and Cultural Heritage Management Plan
AEMR	Annual Environmental Management Report
AEP	Annual Exceedance Probability
AGO	Australian Greenhouse Office
AHD	Australian Height Datum
AHIMS	Australian Heritage Information Management System
ALS	Australian Laboratory Services
ANZECC	Australian and New Zealand Environment Conservation Council
ARI	Average Recurrence Interval
AS	Australian Standard
AWT	Average weekday traffic
BCA	Benefit Cost Analysis
bcm	bank cubic metre – a volume of 1m ³ in the ground prior to disturbance
CAP	Catchment Action Plan
CCC	Community Consultative Committee
CCRS	Central Coast Regional Strategy

CEC	Cation Exchange Capacity
CEP	Community Enhancement Program
CHP	Coal Handling Plant
cm	centimeter (=10 mm)
CMA	Catchment Management Authority
CO₂-e	Carbon dioxide equivalent
COAL	Coal Operations Australia Limited
CPRS	Carbon Pollution Reduction Scheme
CTAG	Community Trust Advisory Group
D%	dispersion percentage
DA	Development Application
dB	decibel, unit used to express sound intensity
dB(A)	Decibels, A-weighted scale - the unit of measurement of sound pressure level heard by the human ear, expressed in "A" scale
DEC	Department of Environment and Conservation (NSW)
DECCW	Department of Environment, Climate Change and Water
deg	degrees
DEH	Department of Environment and Heritage (Commonwealth)
DEWHA	Department of Environment, Water, Heritage and the Arts
DLALC	Darkinjung Local Aboriginal Land Council
DNR	Department of Natural Resources
DoH	Department of Housing (NSW)
DoL	Department of Lands (NSW)
DoP	Department of Planning (NSW)
DP	Deposited Plan
DPI-MR	Department of Primary Industries – Mineral Resources
DWE	Department of Water and Energy

EA	Environmental Assessment
EARs	Environmental Assessment Requirements
EAT	Emersons Aggregate Test
EC	Electrical Conductivity
ECRTN	Environmental Criteria for Road Traffic Noise
EEC	Endangered Ecological Community
EL	Exploration Licence
Elcom	Electricity Commission of NSW
ENCM	Environmental Noise Control Manual
EP&A Act	Environmental Planning and Assessment Act 1979 (NSW)
EPBC Act	Environment Protection and Biodiversity Conservation Act 1999
EPIs	Environmental Planning Instruments
ESD	Ecologically Sustainable Development
FPL	Flood Planning Level
g	gram (= 0.001 kilogram)
g/m²/month	grams per square metre per month – unit for deposited dust
GTLAC	Guringai Tribal Link Aboriginal Corporation
GW	Giga watt
GWCWA	Gosford-Wyong Councils Water Authority
ha	hectare (100m x 100m)
HVAS	High Volume Air Sampler
ICNG	Interim Construction Noise Guideline
INP	Industrial Noise Policy
ISC	Index of Stream Condition
kg	kilogram (= 1 000 grams)
kL	kilolitre (= 1 000 litres)
km	kilometer (= 1000 metres)

Km/hr	kilometers per hour
km²	square kilometer (= 1 million m ²)
Kores	Kores Australia Pty Ltd
kV	kilovolts
kVA	kilowatt – amperes
kW	kilowatts
L	litre
L/hr	litres per hour
L/s	litres per second
L/t	litres per tonne
L_{A10}	sound level exceeded 10% of the sampling time
L_{A90}	sound level exceeded 90% of the sampling time
L_{Aeq}	the L_{Aeq} is the “equal energy” average noise levels, and is used in some instances for the assessment of traffic noise effects or the risk of hearing impairment due to noise exposures
L_{Aeq 1 hour}	the “equal energy” average noise level over 60 minutes – used for assessing impacts of noise from motor vehicles on public roads
L_{Aeq T}	sound level of continuous noise which emits the same energy as the fluctuating sound over a given time period (T)
L_{Amax}	the absolute maximum noise level measured in a given time interval
L_{AN}	the A-weighted sound pressure level exceeded by N% of a given measured period
LALC	Local Aboriginal Land Council
Lcm	loose cubic metre – a volume of 1m ³ after excavation
LEP	Local Environmental Plan
LGA	Local Government Area
LoS	Level of Service
m	metre (= 100cm)
M	million
m AHD	metres Australian Height Datum

m/s	metres per second
m²	square metre
m³	cubic metre
Mbcm	million bank cubic metres
mg	milligram (weight unit = 0.001 gram)
mg/L	milligrams per litre (parts per million)
ML	megalitre
MLA	Mining Lease Application
MLpa or ML/yr	megalitres per annum (year)
mm	millimeter (= 0.001 metres)
mm/s	millimeters per second
MR	Main Road
MSB	Mine Subsidence Board
MSD	Mine Subsidence District
Mt	million tonnes (metric tonne = 1 000kg)
Mtoe	Million tones oil equivalent
Mtpa	million tones per annum
NATA	National Association of Testing Authorities
NEPC	National Environment Protection Council
NEPM	National Environment Protection Measure
NES	National Environmental Significance
NGERS	National Greenhouse and Energy Reporting Scheme
NHMRC	National Health and Medical Research Council
NOHSC	National Occupational Health and Safety Commission
NOW	NSW Office of Water Database
NPV	Net present value
NPW Act	National Parks and Wildlife Act 1974 (NSW)

NPWS	National Parks and Wildlife Service (NSW)
NTU	Nephelometric turbidity units
NVC Act	Native Vegetation Conservation Act 1997 (NSW)
NWQMS	National Water Quality Management Strategy
OLS	Obstacle Limitation Surfaces
PAC	Planning Assessment Commission
PAD	Potential Archaeological Deposit
PAR	Preliminary Assessment Report
PCI	Pulverised coal injection
PHA	Preliminary Hazard Analysis
PM₁₀	particulate matter <10µm in diameter
PMF	Probable Maximum Flood
POEO Act	Protection of the Environment Operations Act 1997
PSA	Particle Size Analysis
PSMP	Property Subsidence Management Plan
RBL	Rating Background Level
REP	Regional Environmental Plan
RFI Act	Rivers and Foreshores Improvement Act 1948 (NSW)
RFS	Rural Fire Service
RH	Relative Humidity
RIC	Rail Infrastructure Corporation
RO	Reverse Osmosis
ROM	Run of Mine
RTA	Roads and Traffic Authority
SEPP	State Environmental Planning Policy
SH	State Highway
SIA	Social Impact Assessment

SIS	Species Impact Statement
SMP	Subsidence Management Plan
SMU	Soil Mapping Unit
SR	Shire Road
SWL	standing water level
T	tonne (= 1 000kg)
TDEL	total daily extraction limit
TDS	Total Dissolved Solids
tpa	tonnes per annum
TSC Act	Threatened Species Conservation Act 1995 (NSW)
TSP	Total Suspended Particulate
UNFCCC	United Nations Framework Convention on Climate Change
USEPA	United States Environmental Protection Agency
V:H	vertical to horizontal ratio
VENM	Virgin Excavated Natural Material
vpd	Vehicles per day
W2CP	Wallarrah 2 Coal Project
WACJV	Wyang Areas Coal Joint Venture
WEZ	Wyang Employment Zone
WGN	Wallarrah-Great Northern Seam
WHO	World Health Organisation
WSP	Water Sharing Plan
WTC	Warnervale Town Centre
WTP	Water Treatment Plant
µg/m³	micrograms (1 x 10 ⁻⁶ grams) per cubic metre
µm	micrometres (= 0.001mm)
µS/cm	microsiemens per centimeter – unit of electrical conductivity