

Abbreviations

\$B	Billion dollars
\$M	Million dollars
°C	Degrees centigrade
µg	Microgram
µg/L	Micrograms per litre
µg/m ³	Micrograms per metres cubed
µm	Micrometres
µS	Microsiemens
µS/cm	Microsiemens per centimetre
AACU	Australian Carbon Credit Units
AADT	Annual average daily traffic
AAGR	Average annual growth rate
ABS	Australian Bureau of Statistics
ACCU	Australian Carbon Credit Units
ACH Act	<i>Aboriginal Cultural Heritage Act 2003 (Qld)</i>
AECOM	AECOM Australia Pty Ltd
AEP	Annual exceedance probability
Ag	Silver
AHD	Australian height datum
AILA	Australian Institute of Landscape Architects
Al	Aluminium
ALA	Atlas of Living Australia
ALC	Agricultural Land Classification
ALUM	Australian Land Use and Management
AMD	Acid mine drainage
ANZG	Australian and New Zealand Governments
As	Arsenic
AS	Australian Standard
AS 1940	Australian Standard 1940 – The Storage and Handling of Flammable and Combustible Liquids
ASC NEPM	National Environment Protection (Assessment of Site Contamination) Measure 1999
ATP	Authority to prospect
ATSIHP Act	<i>Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (Cth)</i>
AUSRIVAS	Australian River Assessment System
AWBM	Australian Water Balance Model
B	Boron
Biosecurity Act	<i>Biosecurity Act 2014 (Qld)</i>
BoM	Bureau of Meteorology
BRB	Brigalow Belt Bioregion
BTEX	Benzene, toluene, ethylbenzene and zylene
CAMBA	China-Australia Migratory Bird Agreement
CFCs	Chlorofluorocarbons

CH ₄	Methane
CHL	Commonwealth Heritage List
CHMA	Cultural heritage management agreement
CHMP	Cultural heritage management plan
CHP	Coal handling plant
CHP	Coal handling and processing plant
CHRC	Central Highlands Regional Council
CQ	Central Queensland
CLR	Contaminated Land Register
cm	Centimetre
cm	Centimetres
Co	Cobalt
CO ₂	Carbon dioxide
CO _{2-e}	Carbon dioxide equivalent
CoA	Commonwealth of Australia
Cr	Chromium
CSEP	Community and Stakeholder Engagement Plan
CSIRO	Commonwealth Scientific and Industrial Research Organisation
Cth	Commonwealth
Cu	Copper
DAFF	Department of Agriculture, Fisheries and Forestry
DATSIP	Department of Aboriginal and Torres Strait Islander Partnerships
DAWE	Department of Agriculture, Water and the Environment
dB(A)	Decibels with 'A' weighting
dB(L)/dB(Linear)	Decibels with unweighted overall sound pressure/power level
DEHP	Department of Environment and Heritage Protection
DEO	Desired environmental outcome
DERM	Department of Environment and Resource Management
DNRM	Department of Natural Resources and Mines
DES	Department of Environment and Science
DESBT	Department of Employment, Small Business and Training
DIDO	Drive in, drive out
DNRM	Department of Natural Resources and Mines
DNRME	Department of Natural Resources, Mines and Energy (former, now Department of Resources)
DoEE	Department of the Environment and Energy
DoR	Department of Resources
DOS	Degree of saturation
DoSITIA	Department of Science, Information Technology, Innovation and the Arts
DoE	Department of the Environment
DoEE	Department of the Environment and Energy
DRO	Desired regional outcome
DSDIP	Department of State Development, Infrastructure and Planning
DSDMIP	Department of State Development, Manufacturing, Infrastructure and Planning

DSDSATSIP	Department of Seniors Disability Services and Aboriginal and Torres Strait Islander Partnerships
DCDSS	Department of Communities Disability Services and Seniors
DSEWPC	Department of Sustainability, Environment, Water, Population and Communities
EA	Environmental Authority
EAP	Employee Assistance Program
EC	Electrical conductivity
EC _{1:5}	Electrical conductivity of soil based on a one part soil to one part water ratio
EEO	Equal Employment Opportunity
EIMP	Environmental impact management plan
EIS	Environmental impact statement
EMP	Environmental management plan
EMR	Environmental management register
Ensham JV	Ensham Resources Joint Venture
EO Act	<i>Environmental Offsets Act 2014 (Qld)</i>
EO Regulation	Environmental Offsets Regulation 2014 (Qld)
EOP	Environmental operating procedure
EP Act	<i>Environmental Protection Act 1994 (Qld)</i>
EP Regulation	Environmental Protection Regulation 2019 (Qld)
EP Regulation	Environmental Protection Regulation 2008 (Qld)
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999 (Cth)</i>
EPP	Environmental Protection Policy
EPP Air	Environmental Protection (Air) Policy 2019
EPP Noise	Environmental Protection (Noise) Policy 2019
EPP WWB	Environmental Protection (Water and Wetland Biodiversity) Policy 2019
ERA	Environmentally relevant activity
ERF	Emissions Reduction Fund
ERIN	Queensland Government Environmental Resources Information Network
ERP	Emergency Response Plan
ESA	Environmentally sensitive area
EV	Environmental values
EVNT	Endangered, vulnerable or near threatened
Fe	Iron
Fisheries Act	<i>Fisheries Act 1994 (Qld)</i>
FIFO	Fly in, fly out
FoS	Factor of safety
FTE	Full-time equivalent
g/s	Grams per second
GAB	Great Artesian Basin
GDA	Geocentric datum of Australia
GDE	Groundwater dependant ecosystem
GHG	Greenhouse gas
GJ	Gigajoule
GRP	Gross regional product
GSP	Gross state product

GTIA	Guide to Traffic Impact Assessment
GWDB	Groundwater database
GWMP	Groundwater management plan
GWP	Global warming potential
ha	Hectare
HEV	High ecological value
HFCs	Hydrofluorocarbons
Hg	Mercury
HVR	High value regrowth
IAA	Important agricultural areas
IAS	Initial advice statement
IBRA/ IBRA 7	Interim Biogeographic Regionalisation of Australia
Idemitsu	Idemitsu Australia Resources Pty Ltd
IESC	Independent Expert Scientific Committee
ILUA	Indigenous Land Use Agreement
IMS	Integrated Management System
IPCC	Intergovernmental Panel on Climate Change
ISO 9613	ISO 9613-2:1996 Acoustics – Attenuation of sound during propagation outdoors – Part 2: General method of calculation
JAMBA	Japan-Australia Migratory Bird Agreement
kg	kilogram
kL	kilolitre
km	kilometre
km/h	kilometres per hour
km ²	Square kilometre
KPI	key performance indicators
KRA	Key resource area
kV	Kilovolt
kWh	kilowatt hours
L	Litre
L _{Aeq,adj,15min}	The energy-averaged level of the total noise measured over a period of 15 minutes, including adjustment for the character of the noise (e.g. tonal or impulsive)
LGA	Local Government Area
L _{LIneq(T)}	The constant unweighted sound level which, when occurring over the same period of time(T), would result in the receptor experiencing the same amount of sound energy, measured in dB(L)
LOM	Life of mine
LOS	Level of service
LVIA	Landscape and visual impact assessment
m	Metre
m ³	Cubic metre
m ³ /s	Cubic metres per second
mAHD	Metres above Australia Height Datum
MDL	Mineral development licence
mg	Milligram

mg/L	Milligrams per litre
mg/m ² /day	Milligrams per square metre per day
MIA	Mine infrastructure area
ML (prefix)	Mining lease
ML (suffix)	Megalitre
ML/d	Megalitres per day
ML/y	Megalitres per year
MLA	Mining lease application
mm	Millimetre
mm/y	Millimetres per year
MMC	Department Environment and Science Guidelines Model Mining Conditions
Mn	Manganese
MNES	Matters of national environmental significance
Mo	Molybdenum
MR Act	<i>Mineral Resources Act 1989</i> (Qld)
MSES	Matters of state environmental significance
Mt	Million tonnes
mtpa	Million tonnes per annum
MWh	Megawatt hour
N ₂ O	Nitrous oxide
NC Act	<i>Nature Conservation Act 1992</i> (Qld)
NC Regulation	Nature Conservation (Wildlife) Regulation 2006 (Qld)
NCRAS	National Climate Resilience and Adaptation Strategy
NEPM	National Environment Protection Measure
NGER	National Greenhouse and Energy Reporting
NGER Act	<i>National Greenhouse and Energy Reporting Act 2007</i> (Cth)
NGO	Non-government organisation
NHL	National Heritage List
Ni	Nickel
NNTT	National Native Title Tribunal
NPI	National Pollutant Inventory
NT Act	<i>Native Title Act 1993</i> (Cth)
NTU	Nephelometric Turbidity Unit
O/E	Observed to expected
O ₃	Ozone
OCG	Office of the Coordinator General
OCW	Outer Canine Width
PAA	Priority agricultural area
PAF	Potentially acid forming
PAH	Polycyclic Aromatic Hydrocarbons
Pb	Lead
PET	Plecoptera/Ephemeroptera/Trichoptera
PFA	Prefeasibility assessment
PFCs	Perfluorocarbons
pH _{1:5}	pH analysis of soil based on a one part soil to five parts de-ionised water ratio

PLA	Priority living area
PM ₁₀	Particulate matter less than 2.5 micrometres
PM _{2.5}	Particulate matter less than 10 micrometres
PMLU	Post mining land use
PRC Plan	Progressive rehabilitation closure plan
QAS	Queensland Ambulance Service
Q-CAS	Queensland Climate Adaptation Strategy
QFES	Queensland Fire and Emergency Services
QGSO	Queensland Government Statistician's Office
QH Act	<i>Queensland Heritage Act 1992 (Qld)</i>
QHC	Queensland Heritage Council
QLCLN	Queensland Local Content Leaders Network
Qld	Queensland
QLUMP	Queensland Land Use Mapping Program
QPS	Queensland Police Service
QTT	Queensland Treasury and Trade
RBL	Rating background level
RE	Regional ecosystem
REDD	Regional Ecosystem Description Database
REMP	Receiving Environment Monitoring Program
RFO	River flow objectives
RIDA	Regional interests development approval
RNE	Register of the National Estate
ROKAMBA	Republic of Korea-Australia Migratory Bird Agreement
ROM	Run of mine
ROP	Resource Operations Plan
RPI Act	<i>Regional Planning Interests Act 2014 (Qld)</i>
RPI Regulation	Regional Planning Interests Regulation 2014 (Qld)
SA4	Statistical Area Level 4
SAC	Stone artefact concentration
SALM	Small Area Labour Market
SCA	Strategic cropping area
SCL	Strategic cropping land
SDPWO Act	<i>State Development and Public Works Organisation Act 1971 (Qld)</i>
Se	Selenium
SEA	Strategic environmental area
SF ₆	Sulfur hexafluoride
SHR	State Heritage Register
SIA	Social Impact Assessment
SIDRA	Signalised and Unsignalised Intersection Design and Research Aid
SIGNAL-2	Stream Invertebrate Grade Number – Average Level-2
SIMP	Social Impact Management Plan
SIMR	Social Impact Management Report
SMU	Soil mapping unit
SOP	Standard operating procedure

SPP	State Planning Policy 2017
SPRAT	Species Profile and Threats database
SQO	Sediment quality objective
SSRC Act	<i>Strong and Sustainable Resource Communities Act 2018 (Qld)</i>
SSTV	Site specific trigger value
STP	Sewage Treatment Plant
t	Tonne
TAPM	The Air Pollution Model
TDS	Total dissolved solids
TEC	Threatened ecological community
the Planning Scheme	Central Highlands Regional Council Planning Scheme
the Project	Ensham Life of Mine Extension Project
TI Act	<i>Transport Infrastructure Act 1994 (Qld)</i>
TJ	Terajoules
t/m ³	Tonnes per cubic meter
TMR	Department of Transport and Main Roads
ToR	Terms of reference
TPH	Total Petroleum Hydrocarbons
TSP	Total suspended particulate
U	Uranium
UNFCCC	United Nations Framework Convention on Climate Change
µS/cm	Micro Siemens per centimetre – unit of measurement for electrical conductivity
UWIR	Underground Water Impact Report
V	Vanadium
VM Act	<i>Vegetation Management Act 1999 (Qld)</i>
VWP	Vibrating wire piezometer
Water Act	<i>Water Act 2000 (Qld)</i>
Water Regulation	Water Regulation 2016 (Qld)
WAV	Workers accommodation village
WEEE	Waste electrical and electronic equipment
WHL	World Heritage List
WMP	Water Management Plan
WoNS	Weeds of national significance
WP	Water Plan
WQA	Water Quality Australia
WQO	Water quality objective
WRP	Water Resource Plan
WRR Act	<i>Waste Reduction and Recycling Act 2011 (Qld)</i>
WSBM	Water and salt balance model
WTP	Water treatment plant
Zinc	Zn