



Appendix 6

Acronyms
and Abbreviations

1. ACRONYMS AND ABBREVIATIONS

Acronym	Definition
1D	One dimension
2D	Two dimension
°C	Degrees Celsius
µS/cm	micro Siemens per cm
AADT	Annual Average Daily Traffic
ABS	Australian Bureau of Statistics
ABL	Assessment Background Level
ACA	Aquatic Conservation Assessments
ACARP	Australia's Coal Industry Research Program
ACH Act	<i>Aboriginal Cultural Heritage Act 2003 (Qld)</i>
AEP	Annual Exceedance Probability
AES	Atomic emission spectra
AGO	Australian Greenhouse Office
AHD	Australian Height Datum
ALY	Airlift Yield
AMD	Acid Metalliferous Drainage
ANC	Acid Neutralising Capacity
ANFO	Ammonium nitrate/fuel oil
ANZECC	Australian and New Zealand Environment Conservation Council
AquaBAAM	Aquatic Biodiversity Assessment and Mapping Methodology
AR&R	Australian Rainfall and Runoff
ARD	Acid Rock Drainage
ARI	Average Recurrence Interval
ARMCANZ	Agriculture and Resource Management Council of Australia and New Zealand
As	Arsenic
AS	Australian Standard
ASS	Acid Sulfate Soils
ATSIHP Act	<i>Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (Cth)</i>
AUL(s)	Auxillary Left Turn Lane
AUSRIVAS	Queensland Australian River Assessment System
AWBM	Australian Water Balance Model
BA	Basalt
BAAM	Biodiversity Assessment and Mapping Methodology
BBROP	The Burdekin Basin Resource Operations Plan 2010
Building Act	<i>The Building Act 1975 (Qld)</i>

Acronym	Definition
BCA	Building Code of Australia 2012
BCI Act	<i>Building and Construction Industry (portable Long Service Leave) Act 2002 (Qld)</i>
BDT	Burdekin Dry Tropics
BFM	Bonded Fibre Matrix
bgl	Below ground level
BMR	Bureau of Mineral Resources
BOM	Bureau of Meteorology
BOP	Biodiversity Offset Policy
BPA	Biodiversity Planning Assessment
BTF	Black Throated Finch
Btu	British thermal units
BW	Weathered Basalt
Ca	Calcium
CaCO ₃	Calcium Carbonate
CAMBA	China Australia Migratory Bird Agreement (1986)
Cd	Cadmium
CD	Conservation Dependant
CE	Critically Endangered
CG	Coordinator-General
CH	Channel height
CHMP	Cultural Heritage Management Plan
CHPP	Coal Handling and Preparation Plant
CHR	Channelized right turn treatment
Cl	Chlorine
CL	Continuing Loss
CL	Clay
CLR	Contaminated Land Register
CMSH Act	<i>Coal Mining Safety and Health Act 1999 (Qld)</i>
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CO ₃	Carbonate
CO	Coal
CO (GYLO)	Coal- Goonyella Lower seam
CO (GYMD)	Coal- Goonyella Middle seam
CO (PSEA)	Coal- P seam
CO (PSMR)	Coal- P Rider
CoC	Chain of Custody
CP	Compliance Point
CPN	Certificate of Public Notice
CQU	Central Queensland University
Criminal Code	<i>Criminal Code Act 1899</i>
CS	Claystone
CSG	Coal seam gas

Acronym	Definition
CSIRO	Commonwealth Scientific and Industrial Research Organisation
Cu	copper
Custom Act	<i>Customs Act 1901 (Qld)</i>
DAFF	Department of Agriculture, Fisheries and Forestry
DATSIMA	The Department of Aboriginal and Torres Strait Islander and Multicultural Affairs
DBH	Diameter at Breast Height
DEEDI	Department of Employment, Economic Development and Innovation
DEHWA	Department of Environment, Heritage, Water and the Arts (now DSEWPaC)
DEM	Digital Evaluation Model
DERM	The Department of Environment and Resource Management
DETE	Department of Employment, Education and Training
DFYC	Department of Families, Youth and Community Care
DIDO	Drive in/drive out
DITR	Department of Infrastructure and Main Roads
DME	Department of Mines and Energy (now DNRM)
DMP	Damage Mitigation Permit
DNPRSR	The Department of National Parks, Recreation, Sports and Racing
DNRM	The Department of Natural Resources and Mines
DO	Dissolved Oxygen
DOS	Degree of Saturation
DSA	Design Storage Allowance
DSDIP	Department of State Development, Infrastructure and Planning
DSEWPaC	Department of Sustainability, Environment, Water, Population and Communities
DSITIA	Department of Science, Information Technology, Innovation and the Arts
DSM	Design Simulation Margin
DTM	Digital Terrain Model
DTMR	Department of Transport and Main Roads
DYRESM	Dynamic Reservoir Simulation Model
E	Evaporation
E	Endangered
EA	Environmental Authority
EC	Electrical Conductivity
eCEC	Effective Cation Exchange Capacity
EHA	Essential Habitat Areas

Acronym	Definition
EHP	Department of Environment and Heritage Protection
EIA	Environmental Impact Assessment
EIS	Environmental Impact Statement
Electricity Act	<i>Electricity Act 1994, (Qld).</i>
EMOS	Environmental Management Overview Strategy
EMP	Environmental Management Plan
EM Plan	Environmental Management Plan
EMR	Environmental Management Register
Energy Efficiency Act	<i>Energy Efficiency Opportunity Act 2006 (Cth)</i>
EP	East Pit
EP Act	<i>Environmental Protection Act 1994 (Qld)</i>
EP	Exploration Permit
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999 (Cth)</i>
EPBCA Act	<i>The Environment Protection and Biodiversity Conservation Amendment (Independent Expert Scientific Committee on Coal Seam Gas and Large Coal Mining Development) Act 2012 (Cth)</i>
EPA	Environmental Protection Agency
EPC	Exploration Permit for Coal
EPM	Exploration Permit Minerals
EPP	Environmental Protection Policy
EPP (Waste)	Environmental Protection (Waste Management) Policy 2000
EPP	Exploration Permit Petroleum
EPR (Waste Management)	<i>Environmental Protection (Waste Management) Regulation 2000</i>
EP Regulation	<i>Environmental Protection Regulation 2008 (Qld)</i>
EPT	Ephemeroptere (Mayflies), Plecoptera (stoneflies), and Trichoptera (caddisflies)
ERA	Environmentally Relevant Activity
ERE	Endangered Regional Ecosystem
ERP	Emergency Response Plan
ESA	Environmentally Sensitive Area
ESAs	Equivalent Standard Axels
ESCP	Erosion and Sediment Control Plan
ESD	Ecological sustainable development
ESP	Exchangeable Sodium Percentage
Et al.	Latin for `et alii' (masculine plural) or `et aliae' (feminine plural) or `et alia' (neuter plural) (and others)
Explosives Act	<i>Explosives Act 1999 (Qld)</i>
Explosives Regulation	<i>Explosives Regulation 2003 (Qld)</i>
FCCM	Fort Cooper Coal Measures

Acronym	Definition
Fe	Iron
FIFO	Fly in/Fly Out
FIMS	Flow Injection Mercury System
Food Act	<i>Food Act 2006 (Qld)</i>
FTE	Full time equivalent
G	Groundwater Seepage
GAB	Great Artesian Basin
GAP	Goonyella to Abbot Point
GAPE	Goonyella to Abbot Point Expansion
GBR	Great Barrier Reef
GDE	Groundwater Dependant Ecosystems
GDP	Gross Domestic Product
GHG	Greenhouse Gas
GHG Storage Act	<i>Greenhouse Gas Storage Act 2006 (Qld)</i>
GHPL	Grazing Homestead Perpetual Lease
GL	Goonyella Lower
GM	Goonyella Middle
GPS	Global Positioning System
GQAL	Good Quality Agricultural land
GR	Gravel
GRP	Gross Regional Product
GS	Gauging Station
GSP	Gross State Product
ha	Hectares
HCL	Hydrochloric Acid
HCO ₃	Bicarbonate
HD	Highly disturbed
HEV	High Ecological Value
Hg	Mercury
HIL	Health-based Investigation Levels
HNO ₃	Nitric Acid
HV	Heavy Vehicle
HVR	High Value Regrowth
I	Incident Rainfall
i.e.	Latin for ' <i>id est</i> ' (that is)
IAS	Initial Advice Statement
ICN	Industry Capability Network
ICOMOS	International Council on Monuments and Sites
ICP	Inductively-coupled plasma
IDP	Individually Droughted Property
IECA	International Erosion Control Association
IFD	Intensity Frequency Duration
IL	Initial Loss
IN	Intrusion

Acronym	Definition
I-O	Input-Output
IPCC	Intergovernmental Panel on Climate Change
IRC	Isaac Regional Council
IUCN	International Union for the Conservation of Nature
JAMBA	Japan-Australia Migratory Bird Agreement
K	Potassium
km	Kilometre
km ²	Square Kilometres
km/h	Kilometres per Hour
L	Litres(s)
Land Act	<i>Land Act 1994 (Qld)</i>
LC	Least Concern
L/s	Litres per second
Lat.	Latitude
LGA	Local Government Area
LGA	Local Government Authorities
Long.	Longitude
LOS	Level of Service
LP Act	<i>Land Protection (Pest and Stock Route Management) Act 2002 (Qld)</i>
LPM	Lagrangian Particle Mode
LSC	Land Suitability Class
M	Migratory
m	metres
m btoc	Metres below top of casing
m/s	Metres per second (Velocity)
m ³ /s	Cubic metres per second
mAHD	Elevation in m with respect to the Australian Height Datum
MAIN	Mackay Area Industry Network
Mbcm	Million bank cubic meters
mbgl	metres below ground level
MCM	Moranbah Coal Measures
MDL	Mineral Development Licence
MESCA	Mining and Energy Services Council of Australia
mg/L	Milligrams per litre
Mg	Magnesium
MGA	Map Grid of Australia
Mi	Migratory
MIA	Mine Infrastructure Area
MIC	Maximum Instantaneous Charge
MIBC	Methyl Isobutyl Carbinol
MIW	Mackay, Isaac, Whitsunday
MIWRP	Mackay, Isaac, Whitsunday Regional Plan

Acronym	Definition
ML	Mining Lease
ML	Mega Litre(s)
ML/d	Mega Litres per day
ML/yr	Mega Litres per year
MLA	Mining Lease Application
MLpa	Mega Litres per annum
mm	millimetres
mm/hr	Millimetre per hour
Mn	Manganese
MNES	Matters of National Environmental Significance
MPA	Maximum Potential Acidity
MR Act	<i>Mineral Resources Act 1989 (Qld)</i>
MRL	Mandatory Reporting Limits
MRRT	Mineral Resource Rent Tax
MS	Mudstone
MSDS	Material Safety Data Sheet
Mt	Million tonnes
Mtpa	Million tonnes per annum
MWMP	Mine Waste Management Plan
N/A	'Not applicable' or 'not available'
NAF	Non-acid Forming
Na	Sodium
NAGpH	Net Acid Generation pH
NaOH	Sodium Hydroxide
NAPP	Net Acid Producing Potential
NATA	National Association of Testing Authorities
NASA	The National Aeronautics and Space Administration (of the United States of America)
NEPM	National Environmental Protection Measure
NC	No concern
NC Act	<i>Nature Conservation Act 1992 (Qld)</i>
NC Conservation Plan	Nature Conservation (Protected Plants) Conservation Plan 2000
NCP	Newlands Coal Project. (Xtrata)
N/m ²	Newtons per metre squared (Shear Stress)
nd	No data
NGA	National Greenhouse Accounts
NEPC	National Environment Protection Council
NHMA	Natural Hazard Management Area
NNTT	National Native Title Tribunal
NO ₃	Nitrate
NO _x	Nitrogen Oxides
NP	North Pit
NPI	National Pollutant Inventory

Acronym	Definition
NGA	National Greenhouse Accounts
NQBP	North Queensland Bulk Ports
NQDT	North Queensland Dry Tropics
NRM	Natural Resource Management
NSESD	National Strategy for Ecological Sustainable Development
NT	Near Threatened
NT Act	<i>Native Title Act 1993 (Cth)</i>
NTQ	National Trust Queensland
NTU	Nephelometric Turbidity Units
NWC	National Water Commission
NWQMS	National Water Quality Management Strategy
OC	Of Concern
OECD	Organisation for Economic Cooperation and Development
OESR	Office of Economic Statics and Research
p.a.	Per annum
PAF	Potentially Acid forming
PAF- LC	Potentially Acid forming- low capacity
Pb	Lead
PCQ	Ports Corporation of Queensland
PH	Pastoral Holding
PL	Petroleum Lease
PMF	Probable Maximum Flood
PMP	Probably Maximum Precipitation
PO	Permit to Occupy
PPL	Petroleum Pipeline License
ppv	Peak Particle Velocity
PSL	Petroleum Survey Licence
QCA	Queensland Competition Authority
QCoal	QCoal Pty Ltd
QDC	Queensland Development Code 2012
QDMR	Queensland Department of Main Roads
QGEOP	Queensland Government's Environmental Offset Policy 2008
QH Act	<i>Queensland Heritage Act 1992</i>
QHR	Queensland Heritage Register
Qld	Queensland
QLEAVE	The Building and Construction Industry (Portable Long Service Leave) Authority
QR	Queensland Railways
QRN	Queensland Rail National
QWQG	Queensland Water Quality Guidelines
R	Catchment Runoff

Acronym	Definition
R&T	Rare & Threatened
RBL	Rating Background Level
RCM	Rangal Coal Measures
RE	Regional Ecosystem
REDC	Regional Economic Development Corporation
REDD	Regional Ecosystem Description Database
REIQ	Real Estate Institute Queensland
REMP	Receiving Environment Monitoring Plan
RFDS	Royal Flying Doctor Service
RH	Relative Humidity
RIP	Roads Implementation Programme
RL	Raised Level
RM Act	<i>Regrowth Moratorium Act 2009</i>
RMP	Rehabilitation Management Plan
RN	Registered Number
RNE	Register of the National Estate
ROKAMBA	Republic of Korea–Australia Migratory Bird Agreement.
ROM	Run of Mine
RP	Release Point
RPEQ	Registered Professional Engineer of Queensland
RPP	Riverine Protection Permit
RVMP	Regional Vegetation Management Plan
S	Sulfur
S	Slope
SA	Sand
SAR	Sodium Absorption Ratio
SC Act	<i>Soil Conservation Act 1986 (Qld)</i>
SCL	Strategic Cropping Land
SCL Act	<i>Strategic Cropping Land Act 2011 (Qld)</i>
SCMA	Strategic Cropping Management Area
SCPA	Strategic Cropping Protection Area
Scr	Sulfide – chromium reducible sulfur
SD	Standard Deviation
SDPWO Act	<i>State Development and Public Works Organisation Act 1971 (Qld)</i>
SEG	Stakeholder Engagement Group
SEIFA	Socio-economic Index for Areas
SES	State Emergency Services
SEVT	Semi Evergreen Vine Thickets
SI	Saturation Index (Mineral Geochemistry)
SIA	Social Impact Assessment
SIGNAL	Stream Invertebrate Grade Number Average Level
SIMP	Social Impact Management Plan

Acronym	Definition
SISD	Safe Intersection Sight Distance
SL	Siltstone
SMD	Slightly Moderately Disturbed
SMI Act	<i>Survey and Mapping Infrastructure Act 2003 (Qld)</i>
SMP	Species Management Plan
SO ₂	Sulphur Dioxide
SO ₄	Sulphate
SO _x	Sulphur Oxides
SP	South Pit
sp	Species (singular)
SP Act	<i>Sustainable Planning Act 2009</i>
SPP	State Planning Policies
spp	Species (Plural)
SPRAT	Species Profiles and Threats Database
SS	Sandstone
STP	Sewerage treatment plant
subsp	Subspecies
SWER	Single Wire Earth Return
SWL	Standing Water level
TAFE	Technical and Further Education
t	Time Period
TAPM	The Air Pollution Model
TARS	Traffic Analysis and Reporting System
TCLP	Toxicity Characteristic Leaching Procedure
TD	Total Depth
TDS	Total Dissolved Solids
TDS	Total Dissolved Salt
TEC	Threatened Ecological Community
TIA	Transport Impact Assessment
TI Act	<i>Transport Infrastructure Act 1994 (Qld)</i>
TL	Term Lease
TLF	Train Loading Facility
TOMPA Act	<i>The Transport Operations (Marine Pollution) Act 1995 (Qld)</i>
TOMSA Act	<i>The Transport Operations (Marine Safety) Act 1994 (Qld)</i>
TN	Total Nitrogen
ToR	Terms of Reference
TP	Total Phosphorus
tpa	Tonnes per annum
tph	Tonnes per hour
TS	Total Sulfur
TSS	Total Suspended Solids
TSP	Total Suspended Particles

Acronym	Definition
TSSC	Threatened Species Scientific Committee
u/s	Upstream
µg/L	Micrograms per Litre
µS/cm	Micro Siemens per Centimetre
UN	United Nations
UNESCO	United Nations Educational, Scientific and Cultural Organisation
UNFCCC	United Nations Framework Convention on Climate Change
USGS	United States Geological Survey
V	Vulnerable
VM Act	<i>Vegetation Management Act 1999 (Qld)</i>
VRC	Volumetric Runoff Coefficient
Water Act	<i>The Water Act 2000 (Qld)</i>
Watts/m ²	Watts per metre squared (stream power)
WIWD	Whitsunday Industrial Workforce Development
WL	Water level
WM&D	Whitsunday Marketing and Development
WMA	Wetland Management Areas
WONS	Weeds of National Significance
WP	West Pit
WPA	Wetland Protection Areas
WQIP	Water Quality Improvement Plan
WQO	Water Quality Objectives
WRBBP	The Water Resource (Burdekin Basin) Plan 2007
WRC	Whitsunday Regional Council
WRD	Waste Rock Dump
XL	Carbonaceous Siltstone
XM	Carbonaceous Mudstone
Zn	Zinc