



APPENDIX B – GLOSSARY, ACRONYMS AND ABBREVIATIONS

STANMORE ID EXTENSION PTY LTD
ISAAC DOWNS EXTENSION PROJECT

1. GLOSSARY, ACRONYMS AND ABBREVIATIONS

Acronym / Abbreviation	Description / Explanation
°	Degrees
°C	Degrees Celsius
µg/L	Micrograms per litre
µS/cm	MicroSiemens per centimetre (a unit of electrical conductivity)
\$M	Million dollars
2028 H1	First half of 2028
2028 H2	Second half of 2028
3D	Three dimension
4WD	Four wheel drive
AADT	Annual Average Daily Traffic
AAQ NEPM	National Environment Protection (Ambient Air Quality) Measure
ACA	Aquatic Conservation Assessments
ACARP	Australian Coal Industry Research Program
ACARP guideline	ACARP guideline: Bowen Basin River Diversions Design and Rehabilitation Centre (Hardie and Lucas, 2002)
ACCU	Australian Carbon Credit Unit
ACH Act	Aboriginal Cultural Heritage Act 2003 (Queensland)
ACS	Australian classification scheme
AD	Acid drainage
ADWG	Australian Drinking Water Guidelines
AEC	AEC Group Pty Ltd
AEP	Annual exceedance probability
aged EC	Aged electrical conductivity
AHD	Australian height datum
Air EPP	Environmental Protection (Air) Policy 2019 and the Environmental Protection (Air) Amendment Policy 2024 (Queensland)
ALA	Atlas of Living Australia
ALARP	As low as reasonably possible
ALC	Agricultural land classes
AMD	Acid and metalliferous drainage
ANC	Acid neutralising capacity
ANFO	Ammonium nitrate/fuel oil (explosive)
Anglo Coal	Anglo Coal (Grosvenor) Pty Ltd
ANZG	Australian and New Zealand Guidelines
AQA	Air quality assessment
ARI	Average recurrence interval
Arrow	Arrow Energy Pty Ltd
AS	Australian Standard

Acronym / Abbreviation	Description / Explanation
AS 1940	AS 1940:2004 The Storage and Handling of Flammable and Combustible Liquids
AS 2187	AS 2187 Explosives - Storage, Transport and Use
AS 2187.2:2006	Australian Standard AS 2187.2:2006 Explosives – Storage and use – Part 2 Use of explosives
AS 2444	AS 2444-2001 Portable fire extinguishers and fire blankets – Selection and location
ASC	Australian Soil Classification
asl	Above sea level
ASPAC	Australian Soil and Plant Analysis Council
ASTM	American Society for Testing and Materials
ASX	Australian Stock Exchange
ATC	Automatic tube counts
ATP	Authority to prospect
AU	Assessment unit
AU\$ or AUD	Australian dollar
AusRivAS	Australian River Assessment System
AWBM	Australian Water Balance Model
AWRA-L	Australian Water Resources Assessment Landscape model
BAM(s)	Beta-attenuation monitor(s)
BBAC	Barada Barna Aboriginal Corporation
BCM	Bank cubic metres
BCM/t	Banked cubic metres per tonne
BCR	Benefit cost ratio
BEV	Battery Electric Vehicles
Biosecurity Act	Biosecurity Act 2014 (Queensland)
BMA	BM Alliance Coal Operations Pty Ltd
BMP	Bushfire Management Plan
BoM	Bureau of Meteorology
Brigalow TEC	Brigalow (Acacia harpophylla dominant and co-dominant) TEC
BTM	Behind the Meter
BVG	Broad vegetation group
C	Carbon
C	Celsius
CAPEX	Capital Expenditure
CBA	Cost benefit analysis
CC Act	Climate Change Act 2022
CCA	Consequence category assessment
CCCA Act	Climate Change (Consequential Amendments) Act 2022 (Commonwealth)
CCS	Consistent Climate Scenarios (Australian Government)
CEC	Cation exchange capacity
CEJ Act	Clean Economy Jobs Act 2024 (Queensland)
CER	Clean Energy Regulator

Acronym / Abbreviation	Description / Explanation
CG	Coordinator General
CGE	Computable general equilibrium
CH ₄	Methane
CHMBA	China-Australia Migratory Bird Agreement
CHMP	Cultural Heritage Management Plan
CHPP	Coal handling and processing plant
Cl	Chloride
CLA	Childcare Leadership Alliance
CLR	Contaminated Land Register
cm	Centimetres
CMB	Chloride mass balance
CMSH Act	Coal Mining Safety and Health Act 1999 (Queensland)
CMSH Regulation	Coal Mining Safety and Health Regulation 2017 (Queensland)
CNG	Compressed Natural Gas
CO ₂	Carbon dioxide
CO ₂ -e	Carbon dioxide equivalent
CO ₃	Carbonate
CPC	Concrete pipe culvert
CRL	Commercial Readiness Level
CSEP	Community and Stakeholder Engagement Plan
CSG	Coal seam gas
CSL	ABS Census Suburbs and Localities
CSM	Conceptual site model
Cth	Commonwealth
CUC	Country University Centre
CWD	Clean water dam
Dam Manual	Manual for assessing hazard consequence and hydraulic performance of structures
dB / dB(A)	Decibel / A-weighted decibel
DBCT	Dalrymple Bay Coal Terminal
DCCEEW	Department of Climate Change, Energy, the Environment and Water (Commonwealth)
DCSG	Dysart Community Support Group
DEM	Digital elevation model
DESNZ	Department for Energy Security and Net Zero (United Kingdom)
DETSI	Department of Environment, Tourism, Science and Innovation (Queensland)
Deverill	Deverill stream flow gauge
DGVs	Default guideline values
DHEP	Department of Environment and Heritage Protection
DIDO	Drive-in drive-out
DIN	Dissolved inorganic nitrogen
DLGWV	Department of Local Government, Water and Volunteers (Queensland)
DMP	Dust management plan

Acronym / Abbreviation	Description / Explanation
DNRM	Department of Natural Resources and Mines (Queensland)
DNRME guideline	Guideline: Works that interfere with water in a watercourse for a resource activity—watercourse diversions authorised under the Water Act 2000
DNRMMRRD	Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development (Queensland)
DO	Dissolved Oxygen
DoR	Department of Resources (Queensland)
DPI	Department of Primary Industry (Queensland)
DRME	Department of Natural Resources, Mines and Energy (Queensland)
dS/m	deciSiemens per meter (a unit of electrical conductivity)
DSDIP	Department of State Development, Infrastructure and Planning (Queensland)
DSITI	Department of Science, Information Technology and Innovation (Queensland)
DWATSIPM	Department of Women, Aboriginal and Torres Strait Islander Partnerships and Multiculturalism (Queensland)
E	East
EA	Environmental Authority
EAP	Employee Assistance Program
East OOPD	East out-of-pit spoil landform
EC	Electrical Conductivity
ECEC	Effective cation exchange capacity
ECse	Saturated Extract Electrical Conductivity
EF	Emission factor
EI	Emissions intensity
EIA Guidelines	Economic impact assessment guideline
EIS	Environmental Impact Statement
ELAM	Emergency Long Term Accommodation Moranbah
EMM	EMM Consulting Pty Ltd
EMR	Environmental Management Register
Energy Act	Energy (Infrastructure Facilitation) Act 2024 (Queensland)
EO	Environmental Officer
EO Act	Environmental Offsets Act 2014 (Queensland)
EO Regulation	Environmental Offsets Regulation 2014 (Queensland)
EP Act	Environmental Protection Act 1994 (Queensland)
EP Regulation	Environmental Protection Regulation 2019 (Queensland)
EPBC Act	Environmental Protection and Biodiversity Conservation Act 1999 (Commonwealth)
EPC	Exploration Permit for Coal
EPG	Exploration permit geothermal
EPGA	Exploration Permit for Geothermal Energy Application
EPP	Environmental Protection Policies
EPP (Noise)	Environmental Protection (Noise) Policy 2019 (Queensland)

Acronym / Abbreviation	Description / Explanation
EPP Water	Environmental Protection (Water and Wetland Biodiversity) Policy 2019 (Queensland)
ERAs	Environmentally relevant activities
ERI	Electrical resistivity imaging
ERP	Emergency response plan
ERP	Estimated Residential Population
ERP	Emergency Response Plan
ERT	Emergency Response Team
ESA	Environmentally significant areas
ESCP	Erosion and Sediment Control Plan
ESP	Exchangeable sodium percentage
EU	European Union
EUAs	European Union Allowances
EV	Environmental value
EVNT	Endangered, Vulnerable and Near Threatened
Explosives Act	Explosives Act 1999 (Queensland)
Exxaro	Exxaro Australia Pty Ltd
F	Fluorine
FCCM	Fort Cooper Coal Measures
FIFO	Fly In Fly Out
Final ToR	Final terms of reference
Fisheries Act	Fisheries Act 1994
Fitzroy Basin WP	Water Plan (Fitzroy Basin) 2011 (Queensland)
Forestry Act	Forestry Act 1959 (Queensland)
FoS	Factor of Safety
FPIC	Free, Prior and Informed Consent
FRR	Final Rehabilitation Report
FRREMP	Fitzroy Regional Receiving Environment Monitoring Program
FTE	Full time equivalent
FullCAM	Full Carbon Accounting Model
g/cm ³	Grams per cubic centimetre
GAB	Great Artesian Basin
GBR	Great Barrier Reef
GBR Guideline	Reef discharge standards for industrial activities - Guideline
GDE	Groundwater dependent ecosystems
GDEHQMP	GDE habitat quality monitoring program
GDEMMP	Groundwater Dependent Ecosystem Monitoring and Management Plan
GDEs	Groundwater Dependent Ecosystems
GED	General Environmental Duty
GES	General Ecological Significance
GHG	Greenhouse Gas
GHG Guideline	Guideline Greenhouse gas emissions ESR/2024/6819

Acronym / Abbreviation	Description / Explanation
GJ	Gigajoule
GMA	Groundwater Management Area
GmbH	A German term meaning limited liability company.
GMMP	Groundwater monitoring and management plan
GQAL	Good quality agricultural land
GRP	Gross regional product
GDP	Gross product
GSP	Gross state product
Gt	Gigatonne
GTIA	Guide to Traffic Impact Assessment
GTIA PIA	Guide to Traffic Impact Assessment Practice Note: Pavement Impact Assessment
H	Horizontal
Ha	Hectares
HCC	Hinterland Community Care
HCO ₃	Bicarbonate
HES	High Ecological Significance
HEV	High Ecological Value
HHS	Hospital and health service
HR Act	Human Rights Act 2019 (Queensland)
HSE	Health, Safety and Environment
HSMS	Health and Safety Management System
IAHT	Isaac Affordable Housing Trust
IAS	Initial Advice Statement
ID Extension	Stanmore ID Extension Pty Ltd
IDE	Isaac Downs Extension
IDM	Isaac Downs Mine
IEA	International Energy Agency
IECA	International Erosion Control Association
IESC	Independent Expert Scientific Committee
IESC Guidelines	Information Guidelines for Independent Expert Scientific Committee advice
IIPP	Integrated Isaac Plains project
Impacts to Air Guideline	Application requirements for activities with impacts to air - guideline
IP Coal	Stanmore IP Coal Pty Ltd
IP South	Stanmore IP South Pty Ltd
IPC	Isaac Plains Complex
IPC - SHMS	Isaac Plains Complex - Safety and Health Management System
IPCC	Intergovernmental Panel on Climate Change
IPCC	In-pit Crushing and Conveying
IPM	Isaac Plains Mine
IRC	Isaac Regional Council
IRR	Internal rate of return

Acronym / Abbreviation	Description / Explanation
ISO 31000	AS/NZS ISO 31000:2009 Risk Management Principles and Guidelines
IVA	Industry value add
JAMBA	Japan-Australia Migratory Bird Agreement
JORC Code	Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (December 2012)
Katestone	Katestone Environmental Australia Pty Ltd
kg	Kilograms
kg H ₂ SO ₄ /t	Kilograms of sulfuric acid per tonne of rock
kL	Kilolitre
KLC	Kinetic leach column
km	Kilometres
Km/h	Kilometres per hour
km ²	Square kilometres
KPI	Key performance indicators
KRA	Key Result Areas
kt	Kilotonne
kV	Kilovolt
KW	Kilowatts
L	Litres
L ₁₀	Noise level exceeded for 10% of the measurement period. This represents the peak noise level excluding nearby external sources.
L ₉₀	Noise level exceeded for 90% of the measurement period. This represents the background noise level excluding nearby external sources.
L _{Aeq(T)}	A-weighted energy-averaged noise level over the measurement period (T).
L _{Amax(T)}	The maximum A-weighted noise level over the measurement period (T)
LAI	Leaf area index
LDWG	Livestock drinking water guidelines
LGA	Local Government Area
LNG	Liquefied Natural Gas
LOM	Life of Mine
LOR	Limit of reporting
LOX	Line of Oxidation
LULUCF	Land use, land use change and forestry
LUs	Loading Units
LWP	Leaf water potential
m	Metres
m/s	Metres per second
m ²	Square metres
m ³	Cubic metres
m ³ /s	Cubic metres per second
mAHD	Metres Australian Height Datum

Acronym / Abbreviation	Description / Explanation
MAR	Map Amendment Request
MAW	Mine affected water
MBCM	Million bank cubic metres
mBGL	Metres below ground level
MCM	Moranbah Coal Measures
MDL	Mineral development licence
MDSS	Moranbah and District Support Services
Mg	Magnesium
mg	Milligram
mg/L	Milligrams per litre
MHQA	Modified Habitat Quality Assessment
MIA	Mine infrastructure area
MIW	Mackay–Isaac–Whitsunday
MIWRP	Mackay, Isaac and Whitsunday Regional Plan
ML	Mining Lease
ML	Megalitres
ML/a	Mega litres per annum
ML/d	Megalitres per day
MLA	Mining Lease Applications
MLE	Most likely estimate
mm	Millimetres
mm/h	Millimetres per hour
MMP	Mosquito Management Plan
MNES	Matters of National Environmental Significance
Mo	Molybdenum
MOV	Maximum operating volume
MPA	Maximum potential acidity
MR Act	Mineral Resources Act 1989 (Queensland)
MSAVI	Modified Soil Adjusted Vegetation Index
MSES	Matters of State Environmental Significance
Mt	Million tonnes
Mtpa	Million tonnes per annum
MW	Megawatts
N	North
N/m ²	Newton per square metres
Na	Sodium
NAF	Non-acid forming
NAF-S	NAF, but with total S greater than one per cent
NATA	National Association of Testing Authorities
Natural Grasslands TEC	Natural Grasslands of the Queensland Central Highlands and northern Fitzroy Basin
NC Act	Nature Conservation Act 1992 (Queensland)
NDC	Nationally Determined Contribution

Acronym / Abbreviation	Description / Explanation
NDVI	Normalised Difference Vegetation Index
NE	Northeast
NEM	National Electricity Market
NEPC	National Environment Protection Council
NGER	National Greenhouse and Energy Reporting
NGER Act	National Greenhouse and Energy Reporting Act 2007 (Commonwealth)
NGER Determination	National Greenhouse and Energy Reporting (Measurement) Determination 2008 (Commonwealth)
NGO	Non-government organisations
NICH	Non-indigenous cultural heritage
NMD	Neutral and metalliferous drainage
NMR	Nuclear magnetic resonance
NNW	North-northwest
NPI	National Pollution Inventory
NPV	Net present value
NQXT	North Queensland Export Terminal
NSW	New South Wales
NT Act	Native Title Act 1993 (Commonwealth)
NTU	Nephelometric Turbidity Units
NUMA	Non-use management area
NW	Northwest
OAMP	Offset area management plan
OCE	Open Cut Examiner
OCG	Office of the Coordinator-General
ODP	Offset delivery plan
OEAR	Offset ecological assessment report
OOPD	Out-of-pit dump
OPEX	Operational Expenditure
PA	Protected Area
PAA	Priority agricultural area
PAF	Potentially acid forming
PAF-LC	Potentially acid forming, low capacity
PCI	Pulverised Coal Injection
pH	A value from 0 to 14 expressing the acidity or alkalinity of a solution on a logarithmic scale, where 7 is neutral, less than 7 is acidic and greater than 7 is alkaline
PHES	Pumped hydroelectric energy storage ('pumped hydro')
Planning Scheme	Isaac Region Planning Scheme 2021
PLAs	Priority living areas
PM10	Particulate matter of an aerodynamic diameter of 10 microns or less
PM2.5	Particulate matter of an aerodynamic diameter of 2.5 microns or less
PMAV	Property Map of Assessable Vegetation
PMF	Probable maximum flood

Acronym / Abbreviation	Description / Explanation
PMLU	Post Mining Land Use
PMST	Protected Matters Search Tool
PMUs	Preliminary Mapping Units
Poplar Box TEC	Poplar Box Grassy Woodland on Alluvial Plains TEC
PPA	Power purchase agreement
PPE	Personal protective equipment
PRCP	Progressive Rehabilitation and Closure Plan
PRCP Guideline	Statutory guideline – Progressive rehabilitation and closure plans
Project	Isaac Downs Extension Project
proponent	Stanmore Id Extension Pty Ltd
PRR	Progressive Rehabilitation Report
PTM	Poitrel Mine
PTSF	Percentage Time Spent Following
PV	Present value
QAS	Queensland Ambulance Service
QFD	Queensland Fire Department
QH Act	Queensland Heritage Act 1992
QHC	Queensland Heritage Council
QHR	Queensland Heritage Register
QLC	Queensland Land Court
QLD	Queensland
QOL	Quality of Life
QPS	Queensland Police Service
QTRIP	Queensland Transport and Roads Investment Program 2025-26 to 2028-29
QWQG	Queensland Water Quality Guidelines 2009
RA	Rehabilitation area
RBL(s)	Rating background level(s)
RCM	Rangal Coal Measures
RCOE	Resources Centre of Excellence
RD	Relative density
RE	Regional Ecosystem
REMP	Receiving environment monitoring program
REs	Regional ecosystems
RGS	RGS Environmental Consultants Pty Ltd
RIDA	Regional interests development approval
RM(s)	Rehabilitation milestone(s)
RO	Reverse osmosis
ROKAMBA	Republic of Korea-Australia Migratory Bird Agreement
ROM	Run-of-mine
RPEQ	Registered professional engineer Queensland
RPI Act	Regional Planning Interests Act 2014 (Queensland)
RPP	Riverine protection permit

Acronym / Abbreviation	Description / Explanation
RSHQ	Resources Safety & Health Queensland
RTIA	Road Transport Impact Assessment
RTS	Refuse transfer station
S	Total sulfur
S	South
Safeguard Mechanism	Safeguard Mechanism (Crediting) Amendment Act 2023 (Commonwealth)
SARs	Standard Axle Repetitions
SC Act	Soil Conservation Act 1986 (Queensland)
SCAs	Strategic cropping areas
SCL	Special Least Concern
Scr	Sulfide
SCR	State Controlled Roads
SD	Saline drainage
SD	Sediment dam
Se	Selenium
SE	Southeast
SEAs	Strategic environmental areas
SEVT	Semi-evergreen vine thickets
SHMS	Safety and Health Management System
SHP	State Heritage Place
SIA	Social Impact Assessment
SIA Guideline	Coordinator-General's Social Impact Assessment Guideline
SILO	Scientific Information for Land Owners
SIMP	Social Impact Management Plan
SMC	Safeguard Mechanism Credits
SME	Small and Medium-sized enterprises
SMP	Site Management Plan
SMP	Soil Moisture Potential
SMP	Species Management Program
SMU	Soil Mapping Unit
SOP	Safe Operating Procedure
Southwest OOPD	Southwest out-of-pit spoil landform
SPC	Soil Profile Class
spp.	Multiple species of a single genus
SPR	Source-pathway-receptor
SPRAT	Species Profile and Threats Database (Australian Government)
SRI	Significant Residual Impact
SRM Act	Stock Route Management Act 2002 (Queensland)
SSE	South-southeast
SSE	Senior Site Executive
SSPs	Shared Socioeconomic Pathways
SSRC Act	Strong and Sustainable Resource Communities Act 2017 (Queensland)

Acronym / Abbreviation	Description / Explanation
SSTVs	Site-specific trigger values
Stanmore	Stanmore Resources Ltd
Stationary fuel	Fuel used on site for plant equipment, generators and permanent site vehicles
SW	Southwest
SWC	South Walker Creek
t	Tonnes
t c	Tonnes of carbon
t/ha/y	Tonnes per hectare per year
TARP	Trigger Action Response Plan
TDS	Total dissolved solid
TEC	Threatened Ecological Communities
the Project	Isaac Downs Extension Project
the proponent	Stanmore ID Extension Pty Ltd
TI Act	Transport Infrastructure Act 1994 (Queensland)
TJ	Terajoule
TLF	Train load-out facility
TMR	Department of Transport and Main Roads
ToR	Terms of Reference
TORUM Act	Transport Operations (Road Use Management) Act 1995 (Queensland)
Trend	Trend Environmental
TRL	Technical Readiness Level
TSF	Tailings storage facility
TSP	Total suspended particulates
TSS	Total suspended solids
TTPP	The Transport Planning Partnership
UC(NAF)	Uncertain, but expected to be NAF
UC(PAF)	Uncertain, but expected to be PAF or PAF-LC
UCL	Urban Centres and Localities
UMA	Unique Mapping Area
UNESCO	United Nations Educational, Scientific and Cultural Organisation
UNFCCC	United Nations Framework Convention on Climate Change
UQ	University of Queensland
US\$ or USD	United States dollar
UWIR	Underground water impact report
V	Vertical
VDec	voluntary declaration
VM Act	Vegetation Management Act 1999 (Queensland)
W	West
W/m ²	Watts per square metre
Water Act	Water Act 2000 (Queensland)
Waterway Barrier Works guideline	Accepted development requirements for operational work that is constructing or raising waterway barrier works

Acronym / Abbreviation	Description / Explanation
WAV	Workforce accommodation village
WEPP	Water Erosion Prediction Project
WHS Act	Work Health and Safety Act 2011 (Queensland)
WHS Regulation	Work Health and Safety Regulation 2011 (Queensland)
WMP	Water Management Plan
WMP	Waste Management Plan
WMS	Water management system
WoNS	Weeds of National Significance
WQOs	Water Quality Objectives
WRR Act	Waste Reduction and Recycling Act 2011 (Queensland)