

Abbreviations

Abbreviation	Definition
%	per cent
$\mu\text{g}/\text{m}^3$	micrograms per cubic metre
<	less than
>	greater than
\$	Dollars
$^{\circ}\text{C}$	degrees Celsius
AAPA	Aboriginal Areas Protection Authority
ABA	acid-base accounting
ABS	Australian Bureau of Statistics
ADT	average daily traffic
AGIC	Australian Green Infrastructure Council
AHD	Australian Height Datum
Al	aluminium
Air NEPM	<i>National Environment protection (Ambient Air Quality) Measure</i>
ALD	anaerobic limestone drains
ALRA	<i>Aboriginal Land Rights (Northern Territory) Act 1976</i>
AMD	acid and metalliferous drainage
ANC	acid neutralisation capacity
ANCOLD	Australian National Committee on Large Dams
ANFO	ammonium nitrate / fuel oil
ANOVA	analysis of variance
ANZECC	Australian and New Zealand Environment and Conservation Council
API	American Petroleum Institute
ARD	acid rock drainage, synonymous with ARD/ML and AMD
ARD/ML	acid rock drainage / metal leaching, synonymous with ARD and AMD
ARI	average recurrence interval
ARMCANZ	Agriculture and Resource Management Council of Australia and New Zealand

Abbreviation	Definition
AS	Australian Standard
AWS	Automatic Weather Station
BOM	Bureau of Meteorology
C	carbon
CaO	calcium oxide, quicklime
CaCO ₃	calcium carbonate, limestone
CapEx	Capital Expenditure
Cd	cadmium
CEO	Chief Executive Officer
CFI	Carbon Farming Initiatives
CHMP	Cultural Heritage Management Plan
CIL	Carbon in Leach
CO	carbon monoxide
CO ₂ -e	carbon dioxide equivalent
Criminal Code	<i>Criminal Code Act 1983</i>
CSIRO	Commonwealth Scientific and Industrial Research Organisation
Cu	copper
Cwlth	Commonwealth
dB	decibel
dB(A)	decibel A-weighted for human ear response
DCCEE	Department of Climate Change and Energy Efficiency (Cwlth)
DEWHA	former Department of the Environment, Water, Heritage and the Arts (Cwlth)
DFS	Definitive Feasibility Study
DIDO	drive-in / drive-out
DLPE	Department of Lands, Planning and the Environment (NT)
DLRM	Department of Land Resource Management (NT)
DME	Department of Mines and Energy (NT)
DoR	former Department of Resources (NT)
DRET	Department of Resources, Energy and Tourism (Cwlth)

Abbreviation	Definition
EA Act	<i>Environmental Assessment Act 1982</i>
EC	Electrical Conductivity
ECS	Engineering and Cost Study
EEO	Energy Efficiency Opportunities
EIA	Environment Impact Assessment
EIS	Environmental Impact Statement
EL	Exploration Lease
EMP	Environmental Management Plan
EMS	Environmental Management System
EPA Victoria	Environment Protection Authority Victoria
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999 (Cwlth)</i>
EPT taxa	Ephemeroptera (mayflies), Plecoptera (stoneflies) and Trichoptera (caddisflies)
ERDS	Edith River Downstream of Stow Creek Confluence, sample site
ERSW4	Edith River Downstream of SW4, sample site
ERUS	Edith River Upstream of Stow Creek Confluence, sample site
ESCP	Erosion and Sediment Control Plan
ESD	Ecologically Sustainable Development
EVS	Encephalitis Virus Surveillance
Fe	iron
FIFO	fly-in / fly-out
FRDS	Fergusson River Downstream, sample site
FRUS	Fergusson River Upstream, sample site
FS1-3	fish survey sites 1 through 3
FTE	Full Time Equivalent
GA	Geoscience Australia
GCL	geosynthetic clay liner
GLC	ground level concentration
GRP	Gross Regional Product
GSP	Gross State Product

Abbreviation	Definition
GWh	gigawatt hour
GWP	Global Warming Potential
H ₂ S	hydrogen sulfide
ha	hectares
HDPE	high density polyethylene
HECRAS	Hydrologic Engineering Center River Analysis System
HLP	heap leach pad
HNO ₃	nitric acid
HPGR	high pressure grinding roll
HS-	hydrosulfide ion
I-O	Input-Output
IAIA	International Association for Impact Assessment
IAP2	International Association of Public Participation
IBC	Intermediate Bulk Containers
ICMC	International Cyanide Management Code
ICMM	International Council of Mining and Minerals
INP	Industrial Noise Policy
IPCC	Intergovernmental Panel on Climate Change
JAAC	Jawoyn Association Aboriginal Corporation
Jpa	joules per annum
K	potassium
kg	kilograms
kL	kilolitres
km	kilometres
km ²	square kilometres
km/h	kilometres per hour
KNO ₃	potassium nitrate
L _{A1(period)}	sound pressure level that is exceeded for 1% of the measurement period
L _{A10(period)}	sound pressure level that is exceeded for 10% of the measurement period

Abbreviation	Definition
L _{A90(period)}	sound pressure level that is exceeded for 90% of the measurement period
L _{Aeq(period)}	steady sound pressure level with equivalent energy for a given period
L _{Amax}	maximum sound pressure level recorded during the measurement period
L _{Amin}	minimum sound pressure level recorded during the measurement period
LGO	Low Grade Ore
LGO1	Low Grade Ore Stockpile, Stage 1
LGO2	Low Grade Ore Stockpile, Stage 2
LLDPE	Linear low density polyethylene
LOS	Level of Service
LPM	low permeability material
m	metres
m ³	cubic metres
m ³ /h	cubic metres per hour
MF	microfiltration
mg/kg	milligrams per kilogram
mg/L	milligrams per litre
mg/Nm	milligrams per Newton metres
MIC	Maximum Instantaneous Charge
ML	megalitres
MLN	Mineral Lease Number
mm	millimetres
mm/yr	millimetres per year (annual mean precipitation)
MMP	Mine Management Plan
MMS	Micronised Mineral Solutions
MNES	Matters of National Environmental Significance
MOLR	Method Of Last Resort
MPA	maximum potential acidity
MSDS	Material Safety Data Sheet
Mt	million tonnes

Abbreviation	Definition
Mt CO ₂ -e	million tonnes of carbon dioxide equivalent
Mtpa	million tonnes per annum
MVA	megavolt amp
MW	megawatts
N	nitrogen
Na ₂ B ₄ O ₇	borax
Na ₂ CO ₃	soda ash
Na ₂ S ₂ O ₅	sodium metabisulfite
NaCN	sodium cyanide
NAF	non acid forming
NAG	net acid generation
NAPP	net acid production potential, ANC minus NPA
NEPC	National Environmental Protection Council
NEPC Act	<i>National Environment Protection Council (Northern Territory) Act 1998</i>
NEPM	National Environment Protection Measure
NGA	National Greenhouse Accounts
NGERS	National Greenhouse and Energy Reporting Scheme
NH ₃	ammonia
Ni	nickel
NLC	Northern Land Council
Nm ³	Normal cubic metre
NO ₂	nitrogen dioxide
NO _x	nitrous oxide
NPI	National Pollution Inventory
NPI EETM	National Pollution Inventory Emission Estimate Technique Manual
NPR	Neutralisation Potential Ratio
NRETA	former Department of Natural Resources, Environment, and the Arts (NT)
NRETAS	former Department of Natural Resources, Environment, the Arts and Sport (NT)
NT	Northern Territory

Abbreviation	Definition
NT EPA	Northern Territory Environment Protection Authority
NTFD	Northern Territory Flora Database
NTG	Northern Territory Government
NVIS	National Vegetation Information System
OEH	NSW Office of Environment and Heritage
OLD	oxic limestone drains
OpEx	Operational Expenditure
OTL	Overland Telegraph Line
P	phosphorous
PAF	potentially acid forming
PAG	potentially acid generating
Pb(NO ₃) ₂	lead nitrate
PEM	Protocol for Environmental Management
PFS	Preliminary Feasibility Study
PGM	plant growth material
pH	potential hydrogen, a measure of acidity
PJ	petajoules
PJpa	petajoules per annum
PM _{2.5}	Particulate Matter ≤ 2.5 micrometers
PM ₁₀	Particulate Matter ≤ 10 micrometers, dust
PMST	Protected Matters Search Tool
PPE	Personal Protective Equipment
ppm	parts per million
PPV	peak particle velocity
the Project	the Mt Todd Gold Project
PVC	polyvinyl chloride
PWC	Power and Water Corporation
RBL	Rating Background Level
RAAF	Royal Australian Air Force

Abbreviation	Definition
RL	Relative Level
RN	Registered Number of a groundwater bore
ROM	Run of Mine
RP	retention pond
RP1	Retention Pond 1, WRD
RP2	Retention Pond 2, LGO1
RP3	Retention Pond 3, Batman Pit
RP4	Retention Pond 4, ROM Pad
RP5	Retention Pond 5, Process Plant Runoff Pond
RP6	Retention Pond 6
RP7	Retention Pond 7, TSF1
RWA	Restricted Works Area
RWD	Raw Water Dam
S ²⁻	sulfide dianion
SAPS	Successive Alkalinity Producing System
SCN	thiocyanate
SEPP	State Environment Protection Policy (Victoria)
SEWPaC	Department of Sustainability, Environment, Water, Population and Communities (Cwlth)
SIA	Social Impact Assessment
SIMP	Social Impact Management Plan
SiO ₂	silica
SLM	Sound Level Meter
SO ₂	sulfur dioxide
SO ₄	sulfate
SOCS	Site of Conservation Significance
SPLP	Synthetic Precipitation Leaching Procedure
SRB	sulphate-reducing bacteria
SSTV	Site Specific Trigger Values
SW1-10	surface water sample sites 1 through 10

Abbreviation	Definition
t	tonnes
TAPM	The Air Pollution Model
TDR	Time Domain Reflectometer
TJ	terrajoules
TOC	Total Organic Carbon
tpa	tonnes per annum
tpd	tonnes per day
TPWC Act	<i>Territory Parks and Wildlife Conservation Act 2006</i>
TSF	Tailings Storage Facility
TSF1	Tailings Storage Facility 1
TSF2	Tailings Storage Facility 2
TSP	Total Suspended Particles
US EPA	United States Environmental Protection Agency
VDV	Vibration Dose Value
VET	Vocational Education and Training
Vista Gold	Vista Gold Australian Pty Ltd
VOC	Volatile Organic Compound
vph	vehicles per hour
VTE	Vehicle Trip Ends
WAD	weak acid dissociable
WDL	Waste Discharge Licence
WDL 178-2	Vista Gold Waste Discharge Licence, issued February 2013
WRD	Waste Rock Dump
wt.%	weight per cent
WTP	Water Treatment Plant
XRD	x-ray diffraction
Zn	zinc