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Appendices – Volume 2

Appendix A Guidelines
Appendix B Flora and Fauna Report
Appendix C Archaeology Report
Appendix D AAPA Certificates
Appendix E Groundwater Report
Appendix F Biting Insects Report



Abbreviations

Prefixes

G	Giga	1,000,000,000
M	mega	1,000,000
k	kilo	1,000
m	milli	0.001

Units of Measurement

°C	degrees Celsius	m ³	cubic metres
d	day	oz	ounces
g	gram	pH	degree of alkalinity/acidity
ha	hectare	ppm	parts per million
GWh	gigawatt-hours	s	second
K	permeability (m/d)	t	tonne
L	litre	kVA	kilovolt-amps
m	metre	kWh	kilowatt-hours
m ²	square metres	yr	year

Chemical Symbols and Formulae

As	Arsenic	Cu	Copper
CaCO ₃	Calcium carbonate	H ₂ SO ₄	Sulphuric acid
CH ₄	Methane	Mn	Manganese
CO ₂	Carbon dioxide	Ni	Nickel
CO ₂ ^e	Carbon dioxide equivalent	SO ₄ ²⁻	Sulphate
		Zn	Zinc

Other

%	percent	/	per, as in L/s, litres per second
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Abbreviations

Acronyms

AAPA	Aboriginal Areas Protection Authority
ABS	Australian Bureau of Statistics
AGO	Australian Greenhouse Office
AMD	Acid Mine Drainage
ANZECC	Australian and New Zealand Environment and Conservation Council
ANZMEC	Australian and New Zealand Minerals and Energy Council
ARMCANZ	Agriculture and Resource Management Council of Australia and New Zealand
AS/NZS	Australian Standard / New Zealand Standard
BFV	Barmah Forest virus
BOM	Bureau of Meteorology
BOPL	Burnside Operations Pty Ltd
BPA	Burnside Project Area
B.t.i	<i>Bacillus thuringiensis var. israelensis</i>
CGC	Community Government Council
CNG	Compressed Natural Gas
Comm	Commonwealth of Australia
CSIRO	Commonwealth Scientific and Industrial Research Organisation
DBERD	Department of Business, Economic and Resource Development
DEET	Department of Employment, Education and Training (Comm)
DEH	Department of the Environment and Heritage
DEW	Department of Environment and Water Resources
DEWR	Department of Employment and Workplace Relations (Comm)
DHCS	Department of Health and Community Services
DIR	Department of Industry and Resources (WA)
DITR	Department of Industry, Tourism and Resources (Comm)
DPI	Department of Planning and Infrastructure
DPIFM	Department of Primary Industries, Fisheries and Mines
EC	Electrical conductivity
EFA	Ecosystem Function Analysis



Abbreviations

EIL	Environmental Investigation Level
EIS	Environmental Impact statement
EMP	Environmental Management Plan
EMS	Environmental Management System
EPA	Environment Protection Agency Program (NT)
EPBC	Environment Protection and Biodiversity Conservation
ESA	Equivalent Single Axle
GBS	GBS Gold Australia Pty Ltd
GDE	Groundwater Dependent Ecosystems
Harmony Gold	Harmony Gold Mining Company Ltd
HC	High Capacity
HFC	Hydrofluorocarbons
Indicus	Indicus Biological Consultants Pty Ltd
KPIs	Key Performance Indicators
LC	Low Capacity
LPG	Liquefied Petroleum Gas
MMP	Mine Management Plan
MNES	Matters of National Environmental Significance
MSDS	Material Safety Data Sheets
MVEV	Murray Valley Encephalitis Virus
NAF	Non Acid Forming
NAG	Net Acid Generation
NAPP	Net Acid Producing Potential
NATA	National Association of Testing Authorities
NEPM	National Environmental Protection Measures
NHMRC	National Health and Medical Research Council
Northern Gold	Northern Gold NL
NRETA	Department of Natural Resources, Environment and the Arts
NT	Northern Territory
NTACC	Northern Territory Area Consultative Committee
NTISO	Northern Territory Industry Search and Opportunities
PAF	Potentially Acid Forming



Abbreviations

PFCs	Perfluorocarbons
PER	Public Environmental Report
RMCP	Rehabilitation and Mine Closure Plan
ROM	Run-of-Mine
RRV	Ross River Virus
SMP	Safety Management Plan
TDS	Total Dissolved Solids
TPWC	Territory Parks and Wildlife Conservation
URGM	Union Reefs Gold Mine
URS	URS Australia Pty Ltd

