

Acronyms and glossary

ACRONYM/ TERM	DEFINITION
%	percent
<	less than
>	greater than
µg/m ³	micrograms per cubic metre
dB(lin)	Unweighted decibel
4WD	four-wheel-drive vehicle
ABA	Acid Base Accounting
AAPA	Aboriginal Areas Protection Authority
ABM	ABM Resources NL or Proponent or Company
Administrative Procedures	Environmental Assessment Administrative Procedures 1984
AGRD	Austroroads – Road design and Guidelines
Air NEPM	National Environment Protection Measure for Ambient Air Quality
ALA	Aeroplane Landing Area
ALARP	As Low As Reasonably Practicable
ALR Act	Aboriginal Land Rights (Northern Territory) Act 1976
AMD	Acid Mine Drainage
AMS	Aerodrome Management Services Pty Ltd
ANFO	ammonium nitrate/fuel oil for blasting
ANZECC	Australian and New Zealand Environment and Conservation Council () Technical Basis for Guidelines to Minimise Annoyance due to Blasting Overpressure and Ground Vibration (ANZECC 1990) provides guidance when dealing with potential blasting noise and vibration.
APR	Acid Potential Ratio
AQMP	Air Quality Management Plan
ARD	Acid Rock Drainage
ARO's	Aerodrome Reporting Officers for CASA documentation
ASI	Annual Safety Inspections for CASA documentation
BIMP	Biting Insect Management Plan
BOM	Bureau of Meteorology
BPESC	Best Practice Erosion and Sediment Control Guidelines written by the ICEA (International Erosion Control Association)
CASA	Civil Aviation Authority
CH ₄	Methane
CLC	Central Land Council
CME	Chamber of Minerals and Energy
CO ₂	Carbon dioxide
Company	ABM
COO	Chief Operating Officer
CRD	Concentrate Residual Dam

ACRONYM/ TERM	DEFINITION
Cut-off grade	The lowest grade, or quality, of mineralised material that qualifies as economically mineable and available in a given deposit. May be defined on the basis of economic evaluation, or on physical or chemical attributes that define an acceptable product specification
dBA - dB(A)	Unit used to measure 'A-weighted' sound pressure levels. A weighting is an adjustment made to sound-level measurement to approximate the response of the human ear
DECCW	New South Wales Department of Environment Climate Change and Waters
DHF	Northern Territory Department of Health and Families
DLRM	Northern Territory Department of Land Resource Management
DME	Department of Mines and Energy
DoH	Department of Health
EA Act	Environmental Assessment Act 1982
EAR	Environmental Assessment report - NT EPA Findings
EET	Emission Estimation Technique
EIA	Environmental Impact Assessment
EIS	Environmental Impact Statement
EL	Exploration Licence
EMP	Environmental Management Plan
EPA	Environmental Protection Authority
EPBC Act	Commonwealth Environment Protection and Biodiversity Conservation Act 1999
ERP	Emergency Response Plan
Exclusion Zone	Specified zone of exclusion for all staff and contractors, which may be sacred sites, under the Aboriginal Land Rights Act 1976
FIFO	Fly-In/Fly-Out
FMP	Fire Management Plan to manage Fire and potentially fire producing activities
FoS	Factor-of-safety
g/t	grams per tonne
GARD Guide	Global Acid Rock Drainage Guide deals with the prediction, prevention and management of drainage produced from sulphide mineral oxidation, often termed "acid rock drainage" (ARD). It also addresses metal leaching caused by sulphide mineral oxidation.
GDMP	Ground Disturbance Management Plan
GDP	Gross Domestic Product
gen set	Generators for producing power for mine site
GHG	greenhouse gases
GIA	Geochemical abundance index (Förstner et al., 1993) which assesses the enrichment of the samples by major elements
GSE	Groundwater Sensitive Ecosystems
GSP	Gross State Product
GTO	Granite-Tanami Orogen
ha	Hectares
HA	Northern Territory Heritage Act 2011
HDPE	High-density polyethethylene

ACRONYM/ TERM	DEFINITION
HSEC	Health Safety and Environment Coordinator
ICOMOS	International Council on Monuments and Sites
IECA	International Erosion Control Association
ILUA	Indigenous Land Use Agreement
INAP	The International Network for Acid Prevention is an organization of international mining companies dedicated to reducing liabilities associated with sulphide mine materials.
Indicated resource	A part of a mineral resource for which tonnage, densities, shape, physical characteristics, grade and mineral content can be estimated with a reasonable level of confidence. It is based on exploration, sampling and testing information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes. The locations are too widely or inappropriately spaced to confirm geological and/or grade continuity but are spaced closely enough for continuity to be assumed;
Inferred resource	A part of a mineral resource for which tonnage, grade and mineral content can be estimated with a low level of confidence. It is inferred from geological evidence and has assumed, but not verified, geological and/or grade continuity. It is based on information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes that may be limited or of uncertain quality and reliability
IPA	Indigenous Protected Area
IRSA	Inter-ramp slope angle
JORC	The Joint Ore Reserves Committee;
JSA	Job Safety Analysis
km	kilometres
km/hr	kilometre per hour
km ²	Square kilometres
L/s	litres per second
LA90	Background Noise - The A-weighted sound pressure level that is exceeded for 90 percent of the time over which a given sound is measured
LAeq	The equivalent continuous noise level - the level of noise equivalent to the energy average of noise levels occurring over a measurement period
LAeq (15 minute)	Average continuous noise levels for a 15 minute period
LPSD	The Leading Practice Sustainable Development Program for the Mining Industry is a program that promotes sustainable development and industry self-regulation through proactive adoption of leading practice principles.
m	meters
M	million
M2/d	cubic metre per day
mbgl	m below ground level
mega-shales	thick shale rich successions
ML	Mineral Lease
ML	million litres
MLA	Mineral Lease application
MLA	Mineral Lease Application
mm	millimetres
MMA	Mining Management Act 2001
MMP	Mine Management Plan

ACRONYM/ TERM	DEFINITION
MNES	Matters of National Environmental Significance under the Environmental Assessment Act (1982)
MOS	Manual of Standards for CASA documentation
MOZ	Million ounces
MSDS	Materials Safety Data Sheet provides details of the chemical and safety requirements relevant to use and disposal.
Mt	million tonnes
MTA	Mineral Titles Act 2010
MVE	Murray Valley Encephalitis a mosquito borne disease in the Northern Territory
N2O	Nitrous Oxide
NAG	Net Acid Generation
NAF	Non-Acid Forming material
NEPC	National Environment Protection Council - National Environment Protection Council Act 1994 (Commonwealth)
NEPMs	National Environment Protection Measures
NES	National Environmental Significance under the EPBC Act (1982)
Newmont	Newmont Asia Pacific
NMP	Noise Management Plan to manage site noise and vibration
NOI	Notice of Intent
Non – compliance	The site is deemed to be in non-compliance with its noise consent/licence conditions if the monitored noise levels exceed its statutory noise limit by more than 2 dB
NPI	National Pollutant Inventory
NT	Northern Territory of Australia
NT Act	Native Title Act 1993
NT EPA	Northern Territory Environmental Protection Authority
NUL	National Uniform Legislation
NZQMS	National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting
PAF	Potentially Acid Forming material
PPE	Personal Protective Equipment
ppm	parts per million
PSP	Particle size distribution
Project	Twin Bonanza 1 Project
Proponent	ABM
RBL	rating background level – in relation to noise assessment
RET	Northern Territory Department of Resources, Energy and Tourism
Risk	Effect of uncertainty on objectives – AS NZS ISO 3100-2009 Risk Management Principals and Guidelines
Risk Management	Coordinated activities to direct and control and organization with regard to risk – AS NZS ISO 3100-2009 Risk Management Principals and Guidelines
RMP	Local Government Regional Management Plan is a statutory instrument under part 3.1 of the Local Government Act 2008 (NT).
RO	reverse osmosis plant used to produce the potable water
ROM	Run-of-mine storage pad for mixing of ore prior to input into plant

ACRONYM/ TERM	DEFINITION
RRV	Ross River Virus, the most frequently transmitted mosquito borne disease in the Northern Territory
SG	Specific gravity
Sacred Sites	Sacred sites are places within the landscape that have a special significance under Aboriginal tradition specified under the Aboriginal Land Rights Act 1976
SEWPaC	Australian Government Department of Sustainability, Environment, Water, Population and Communities
SIA	Social Impact Assessment
SIMP	Social Impact Management Plan
SO2	Sulfur dioxide
t	tonnes
Tailings	Fine waste material from the processing plant is referred to as tailings.
TB	Twin Bonanza
TD	Tailings dam
TDS	total dissolved solids
The project	Twin Bonanza, including the Old Pirate deposit and surrounding prospects, including Golden Hind, Old Glory and other ore zones.
THHMP	Tim Hill Heritage Management and Planning report
Top cut	The maximum gold content for samples used to calculate an average gold content for a resource
TPWC Act	Territory Parks and Wildlife Conservation Act 2000 (NT)
TSF	Tailings Dam / Storage facilities
Twin Bonanza 1 Project	Project
WA	Western Australia
WCD's	Water Control Districts
WHS(NUA) Act	Work Health and Safety (National Uniform Legislation) Act
XRD	X-ray diffraction
XRF	X-ray fluorescence