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NI43-101 Technical Report

MACARTHUR MINERALS LIMITED

Pre-Feasibility Study

Ularring Hematite Project

Western Australia

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Glossary of Terms

Al ₂ O ₃	Alumina
AMD	Acid Mine Drainage
AU\$m	Millions of Australian Dollars
BIF	banded iron Formation
Ca Fe	Calcined iron (with water of crystallisation removed)
Cat	Caterpillar - equipment manufacturer.
CAWS	Country Areas Water Supply Act 1947 (WA)
CRM	Certified reference materials
DEC	Department of Conservation
DFS	Definitive Feasibility Study
DIA	Department of Indigenous Affairs
DMP	Department of Mines and Petroleum
DoW	Department of Water
DRF	Declared Threatened Flora
DSO	Potential Direct Shipping Ore
DTM	Digital Terrain Model
dtph	dry tonnes per hour
ELH	Excavate Load and Haul, referring to mining using excavators and dump trucks
EMP	Environmental Management Plan
EP	Environmental Protection Act 1986 (WA)
EPA	Environment Protection Authority
EPBC	Environmental Protection and Biodiversity Conservation(1999)Act
EPSL	Esperance Port Sea and Land (operator of the Port of Esperance)
Fe	Iron
FEL	Front End Loader
FOB	Free On Board
GDA94	National co-ordinate system used in this area.
GIS	Geographical Information System
GPS	Global Positioning System
GSWA	Geological Survey of Western Australia
H/G	Hematite/ Goethite
IDS	Inverse Distance Squared
IRR	Internal Rate of Return
km	kilometre
LIDAR	Light Detecting and Ranging (survey method)
LOI-1000	Loss on Ignition at 1000 ^o C
mg/L	milligrams per litre
MIO	Macarthur Iron Ore Pty Ltd
MOC	Mining Operations Centre

MOU	Memorandum of Understanding
MMS	Macarthur Minerals Limited
Mt	Millions of tonnes
Mtpa	Millions of tonnes per annum
NES	National Environmental Significance
NPV	Net Present Value
OK	Ordinary Kriging
P	Phosphorus
PEA	Preliminary Economic Assessment
PEC	Priority Ecological Communities
PFS	Preliminary Feasibility Study
PoW	Programme of Works
QAQC	Quality Assurance Quality Checked
QP	Qualified Person
RAB	Rotary Air Blast (refer to drilling method)
RC	Reverse Circulation (refer to drilling method)
RIWI	Rights in Water and Irrigation Act 1914 (WA)
ROM	Run of Mine, generally referring to stockpiles ahead of crusher.
RTKGPS	Real Time Keeping Global Positioning System
S	Sulphur
SEWPaC	Australian Department of Sustainability, Environment, Water, Population and Communities
SG	Specific gravity
SiO ₂	Silica
SRE	Short Range Endemics
TDS	Total Dissolved Solids
TEC	Threatened Ecological Communities
UCS	Unconfined Compressive Strength
UHP	Ularring Hematite Project
US\$m	Millions of United States of America Dollars
USD	United states Dollars
WA	Western Australia
WC	Wildlife Conservation (1950) Act
XRF	X-ray Refraction (analytical method)

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