



MAXWELL PROJECT

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5 August 2019

NSW Department of Planning, Industry and Environment
Executive Director, Energy and Resources
Level 22, 320 Pitt Street
Sydney NSW 2001

Attention: Mr Mike Young

Dear Mike,

RE: MAXWELL PROJECT (SSD 9526) – ENVIRONMENTAL IMPACT STATEMENT

The enclosed Environmental Impact Statement for the Maxwell Project (the Project) has been prepared for Maxwell Ventures (Management) Pty Ltd, a wholly owned subsidiary of Malabar Coal Limited (Malabar), by Resources Strategies Pty Ltd.

Malabar believes the Environmental Impact Statement represents an accurate statement of Malabar's development intentions and commitments in regard to environmental management and monitoring for the Project.

Yours sincerely,



Wayne Seabrook
Chairman
Malabar Coal Limited

Submission of Environmental Impact Statement (EIS)

prepared under the *Environmental Planning and Assessment Act 1979* (as amended)

EIS prepared by

name:	Joshua Hunt	Joanna Hinks
	Principal	Senior Environmental Manager
qualifications:	BE (Civil)	BE (Environmental) MSc
address:	Resource Strategies Pty Ltd Post Office Box 1842, MILTON QLD 4064	
in respect of	Maxwell Project	

development application

applicant name:	Maxwell Ventures (Management) Pty Ltd
applicant address:	Level 26, 259 George Street, SYDNEY New South Wales 2000
land to be developed:	As described in Attachment 3 in the Main Report of the Environmental Impact Statement.
proposed development:	The Project includes the development and operation of an underground coal mine and supporting surface infrastructure for approximately 26 years. The main activities associated with the development of the Project would include:

- underground bord and pillar mining with partial pillar extraction in the Whynot Seam;
- underground longwall extraction in the Woodlands Hill, Arrowfield and Bowfield Seams;
- development and use of mine access drifts and underground roadways and shafts to access and service the underground mining areas;
- development and use of a mine entry and associated infrastructure, services and facilities;
- establishment of a site access road from Thomas Mitchell Drive to the underground mine entry;
- establishment of power transmission infrastructure, including power lines and substations;
- establishment of infrastructure associated with mine ventilation and gas management;
- use of existing water management systems;
- progressive development of dams, sumps, pumps, pipelines, water storages, water treatment and other water management infrastructure;
- production of up to 8 million tonnes per annum of run-of-mine (ROM) coal;
- construction and use of a conveyor system to transport coal from the mine entry area to the existing coal handling and preparation plant (CHPP);
- transportation of early ROM coal via internal roads from the mine entry area to the existing CHPP;
- transport of product coal via the existing Antiene Rail Spur and Main Northern Railway to market or to the Port of Newcastle for export, or via conveyor to the Bayswater and/or Liddell Power Stations;
- continued use of existing facilities and services at the Maxwell Infrastructure, with upgrades to coal handling infrastructure along with other minor upgrades;
- monitoring, rehabilitation and remediation of subsidence and other mining effects;
- management of subsidence impacts on Edderton Road;
- rehabilitation activities within Coal Lease (CL) 229, Mining Lease (ML) 1351 and CL 395, including rehabilitation of reject and tailings emplacement areas;
- ongoing exploration activities within the existing Exploration Licence 5460 and Authorisation 173; and
- other associated minor infrastructure, plant, equipment and activities.

The Project is described in detail in the attached Environmental Impact Statement.


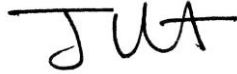
**Assessment of
environmental impact**

An Environmental Impact Statement is attached.

Declaration

I declare that the information contained in this Environmental Impact Statement, to the best of my knowledge and belief, is prepared in accordance with Schedule 2 of the *Environmental Planning and Assessment Regulation 2000*, contains all available information that is relevant to the environmental assessment, and is neither false nor misleading.

Signature:



name:

JOSHUA HUNT

JOANNA HINKS

date:

5 August 2019

5 August 2019

Key specialist studies for the Maxwell Project have been prepared by the following consultants.

Subsidence Assessment and Peer Review

Dr James Barbato
BE (Civil) PhD
Mine Subsidence Engineering Consultants



Professor Bruce Hebblewhite
BE (Mining) PhD Dip AICD
B K Hebblewhite Consulting



Groundwater Assessment and Peer Review

Dr Noel Merrick
BSc MSc GradDip (DataProc) PhD
HydroSimulations



Dr Frans Kalf
BSc MAppSc PhD
Kalf and Associates Pty Ltd



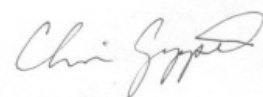
Surface Water Assessment

Mr Greg Roads
BE (Civil) (Hons) MIEAust RPEQ
WRM Water & Environment Pty Ltd



Geomorphology Assessment

Dr Christopher J Gippel
BSc (Geography) (Hons) PhD (Hydrology)
(Geomorphology)
Fluvial Systems Pty Ltd



Biodiversity Development Assessment Report

Dr Colin Driscoll
BSc PhD BAAS17004
Hunter Eco



Agricultural Impact Statement

Dr Paul Frazier
BEd MAppSc (Soils) PhD (EnvSc)
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Noise Impact Assessment

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BE (Mech) MEngSc MIEAust MAAS
Wilkinson Murray Pty Limited



Air Quality and Greenhouse Gas Assessment

Mr Aleks Todoroski
BE (Mechanical)
Todoroski Air Sciences



Social Impact Assessment

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BA MSocPol
Elliott Whiteing Pty Ltd



Economic Assessment

Ms Kathryn Matthews
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BComm (Hons) MEc
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Landscape and Visual Impact Assessment

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