



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5080/1
Permit Holder:	Austral Bricks (WA) Pty Ltd
Duration of Permit:	24 August 2012 – 24 August 2017

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

1. Purpose for which clearing may be done

Clearing for the purpose of clay extraction.

2. Land on which clearing is to be done

Lot 28061 on Deposited Plan 209265, DALE

3. Area of Clearing

The Permit Holder must not clear more than 30 native trees within the area hatched yellow on attached Plan 5080/1.

4. Application

This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

5. Period in which clearing is authorised

The Permit Holder shall not clear native vegetation unless actively mining within 3 months of the authorised clearing being undertaken.

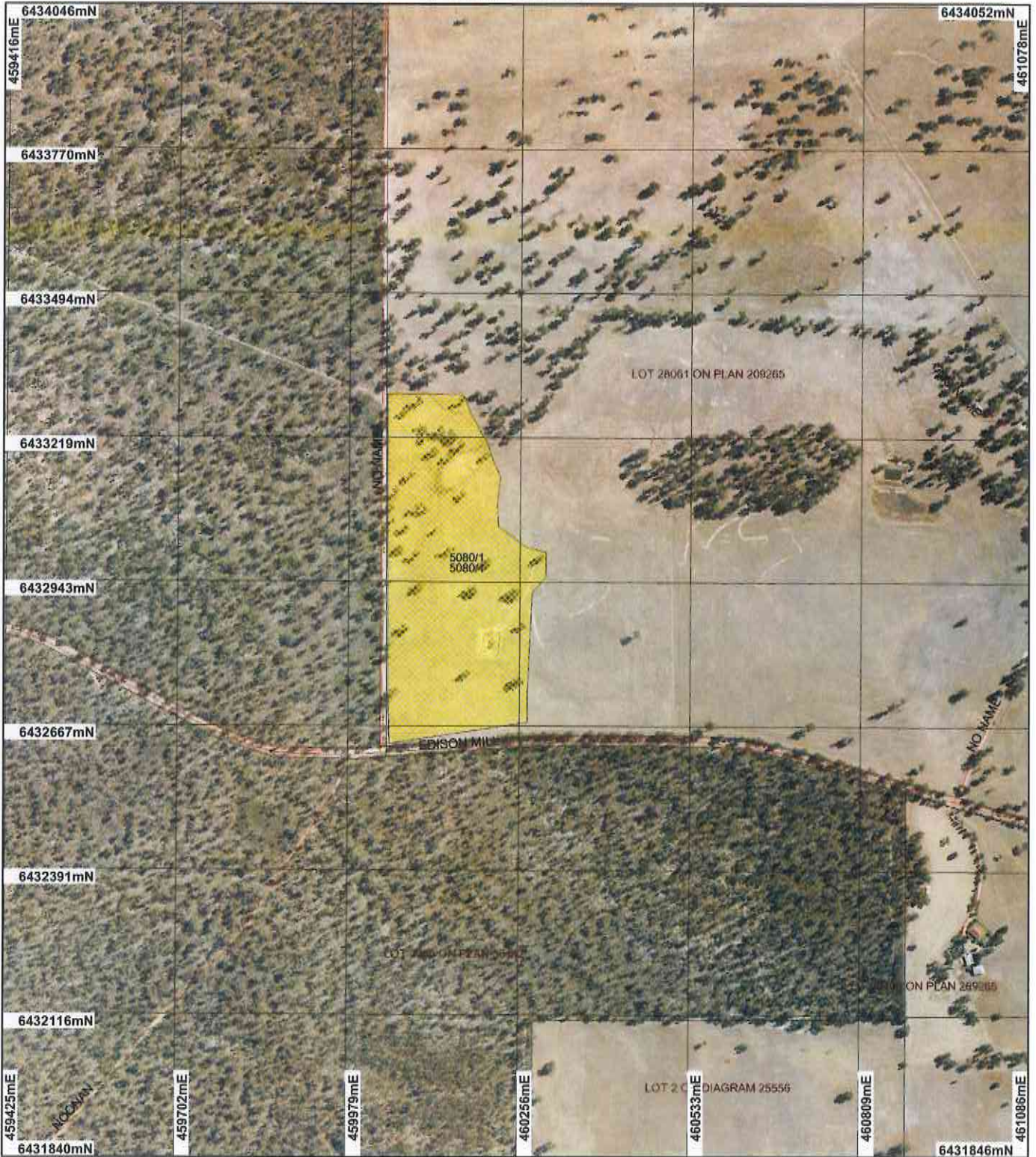
A handwritten signature in black ink, appearing to be "K Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

*Officer delegated under Section 20
of the Environmental Protection Act 1986*

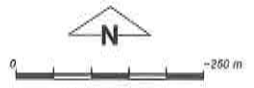
2 August 2012

Plan 5080/1



LEGEND

- | | | |
|--------------------------------------|--|---|
| Road Centrelines | Marine Park | Water |
| Cadastre for labelling | Crown Lease | Clearing Instruments |
| Freehold | Lease / Reserve | Areas Approved to Clear |
| Crown Reserve | Lease on State Forest / Timber Reserve | Beverley 50cm Orthomosaic - Landgate 2006 |
| State Forest / Timber Reserve (cont) | Public Roads | |
| | Unallocated Crown Land (cont) | |



Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

Date 2/8/12

K. Faulkner
Officer with delegated authority under Section 20 of the Environmental Protection Act 1986

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



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1. Application details

1.1. Permit application details

Permit application No.: 5080/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Bristile Operations Pty Ltd

1.3. Property details

Property: LOT 28061 ON PLAN 209265 (House No. 1564 EDISON MILL DALE 6304)
Local Government Area: Shire of Beverley
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
	30	Mechanical Removal	Extractive Industry

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 2 August 2012

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

Vegetation Description	Clearing Description	Vegetation Condition	Comment
Mapped Beard vegetation association 968 is described as Medium woodland; jarrah, marri & wandoo (Shepherd et al 2001)	The proposed clearing is for up to 30 trees of native vegetation within Lot 28061 on Deposited Plan 209265, Dale, for the purpose of clay extraction.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	Condition of vegetation was established through aerial photography and photos provided by the applicant (Land Insights 2012, Beverley 50cm Orthomosaic - Landgate 2006)
Mattiske vegetation complex Pindalup (Pn) described as Open forest of Eucalyptus marginata subsp. thalassica-Corymbia calophylla on slopes and open woodland of Eucalyptus wandoo with some Eucalyptus patens on the lower slopes in semiarid and arid zones (Mattiske et al 1998).	The vegetation under application consists of scattered Wandoo and Marri trees over pasture weeds in a completely degraded (Keighery 1994) condition.		

3. Assessment of application against clearing principles

Comments

The proposed clearing of 30 trees within a 13 hectare area is for the purpose of clay extraction and is unlikely to have any significant environmental impacts.

The vegetation under application consists of scattered Wandoo (*Eucalyptus wandoo*) and Marri (*Corymbia calophylla*) trees over pasture weeds in a completely degraded (Keighery 1994) condition.

There are no declared rare (DRF) flora species or threatened ecological communities (TEC) in the vicinity of the project and given the degraded condition of the vegetation it is not considered likely for the vegetation to provided habitat for DRF or TECs.

The vegetation under application may provide breeding habitat for Carnaby's cockatoos (*Calyptorhynchus latirostris* - listed as rare under the Wildlife Conservation Act 1950 and Endangered under the Environmental Protection and Biodiversity Conservation Act 1999). However, given the clearing consists of 30 scattered trees and that the vegetation to be cleared is well represented in the local area with the Wandoo National Park occurring adjacent to the proposed clearing, it is unlikely the vegetation will be considered as significant fauna habitat for this species.

A minor non-perennial drainage line and two dams occur within the application area however these dams and drainage line are not vegetated and therefore clearing of these areas is not required. Impacts to wetland vegetation and surface water are considered unlikely.

The area under application is separated from the Wandoo National Park by 15 metres to the west. The proposed clearing is not expected to impact this conservation area given the limited clearing (30 trees in a 13 ha area) and buffer of 15 metres.

The assessment of the application identified that the clearing is not likely to be at variance to any of the principles.

Methodology	References
	-Keighery (1994)
	GIS databases:
	- Hydrography, linear
	- Matiske Vegetation Complexes
	- Pre-European vegetation
	- SAC Biodatasets (26 July 2012)
	-DEC Managed Lands
	- Beverley 50cm Orthomosaic - Landgate 2006

Planning instrument, Native Title, Previous EPA decision or other matter.

Comments

The proposed clearing of 30 trees within a 13 hectare area is for the purpose of clay extraction.

The applicant has provided an Extraction and Rehabilitation Management Plan as required by planning approval from the Shire of Beverley. In this plan, a rehabilitation and decommissioning program has been provided which outlines re-contouring to allow the land to be used for agriculture and the creation of a farm lake once extraction activities have ceased. The perimeter of the lake will be revegetated with native plant species to help stabilise the slopes (land Insights 2012).

No submissions from the public have been received.

Planning Approval for an extractive industry has been approved by the Shire of Beverley on the 1 October 2011.

The application area is zoned farming under the Local Town Planning Scheme.

Methodology	References
	-Land Insights (2012)
	GIS Databases
	-Town Planning Scheme Zones

4. References

Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.

Land Insight (2012) Supporting information for clearing application CPS 5080/1 - Austral Bricks Pty Ltd. DEC ref A508244

Matiske, E.M. and Havel, J.J. (1998) Vegetation Complexes of the South-west Forest Region of Western Australia. Maps and report prepared as part of the Regional Forest Agreement, Western Australia for the Department of Conservation and Land Management and Environment Australia.

Shepherd, D.P., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.

5. Glossary

Term	Meaning
BCS	Biodiversity Coordination Section of DEC
CALM	Department of Conservation and Land Management (now BCS)
DAFWA	Department of Agriculture and Food

DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment
DoIR	Department of Industry and Resources
DRF	Declared Rare Flora
EPP	Environmental Protection Policy
GIS	Geographical Information System
ha	Hectare (10,000 square metres)
TEC	Threatened Ecological Community
WRC	Water and Rivers Commission (now DEC)