



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 3704/2
Permit Holder:	BHP Billiton Nickel West Pty Ltd
Duration of Permit:	From 27 June 2010 to 27 June 2020

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

PART I—CLEARING AUTHORISED

1. Purpose for which clearing may be done

Clearing for the purpose of pipeline replacement.

2. Land on which clearing is to be done

Within the pipeline easements of E924171, C959055, D050560, D050561, D050562, E036174, E629101, E227234, E629102, E924171, E924172, E629099 and E227233 over the below properties.

LOT 5 ON PLAN 18088 (House No. 270 PATTERSON KWINANA BEACH 6167)

LOT 1634 ON PLAN 27291 (EAST ROCKINGHAM 6168)

LOT 1 ON DIAGRAM 62220 (House No. 26 OFFICE EAST ROCKINGHAM 6168)

LOT 9000 ON PLAN 404186 (EAST ROCKINGHAM 6168)

LOT 2243 ON PLAN 176207 (House No. 44 OFFICE EAST ROCKINGHAM 6168)

LOT 1728 ON PLAN 166742 (House No. 60 OFFICE EAST ROCKINGHAM 6168)

LOT 622 ON PLAN 117585 (House No. 90 OFFICE EAST ROCKINGHAM 6168)

LOT 153 ON PLAN 245392 (EAST ROCKINGHAM 6168)

ROAD RESERVE (KWINANA BEACH 6167) PIN 1358830

LOT 4662 ON PLAN 95174 (EAST ROCKINGHAM 6168)

LOT 4220 ON PLAN 192602 (EAST ROCKINGHAM 6168)

LOT 55 ON PLAN 8163 (EAST ROCKINGHAM 6168)

LOT 54 ON PLAN 8163 (EAST ROCKINGHAM 6168)

LOT 52 ON PLAN 8163 (EAST ROCKINGHAM 6168)

LOT 51 ON PLAN 8163 (EAST ROCKINGHAM 6168)

LOT 50 ON PLAN 8163 (EAST ROCKINGHAM 6168)

LOT 51 ON DIAGRAM 57664 (EAST ROCKINGHAM 6168)

LOT 4332 ON PLAN 10534 (EAST ROCKINGHAM 6168)

LOT 4641 ON PLAN 27775 (EAST ROCKINGHAM 6168)

LOT 4333 ON PLAN 10534 (EAST ROCKINGHAM 6168)

UNALLOCATED CROWN LAND (LEDA 6170) PIN 11433800

LOT 479 ON PLAN 27773 (LEDA 6170)

LOT 310 ON PLAN 244038 (LEDA 6170)

UNALLOCATED CROWN LAND (LEDA 6170) PIN 11433799

LOT 396 ON PLAN 219858 (LEDA 6170)

LOT 777 ON PLAN 3893 (LEDA 6170)

UNALLOCATED CROWN LAND (LEDA 6170) PIN 1192772

UNALLOCATED CROWN LAND (LEDA 6170) PIN 1192771

LOT 502 ON PLAN 56798 (LEDA 6170)

LOT 4335 ON PLAN 11170 (LEDA 6170)

LOT 4639 ON PLAN 27786 (LEDA 6170)

LOT 504 ON PLAN 56798 (LEDA 6170)

LOT 122 ON PLAN 69112 (LEDA 6170)
LOT 123 ON PLAN 69112 (LEDA 6170)
LOT 820 ON PLAN 77252 (BALDIVIS)

3. Area of Clearing

The Permit Holder must not clear more than 1 hectare of native vegetation within the combined areas cross hatched yellow on attached Plan 3704/2a and Plan 3704/2b.

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.

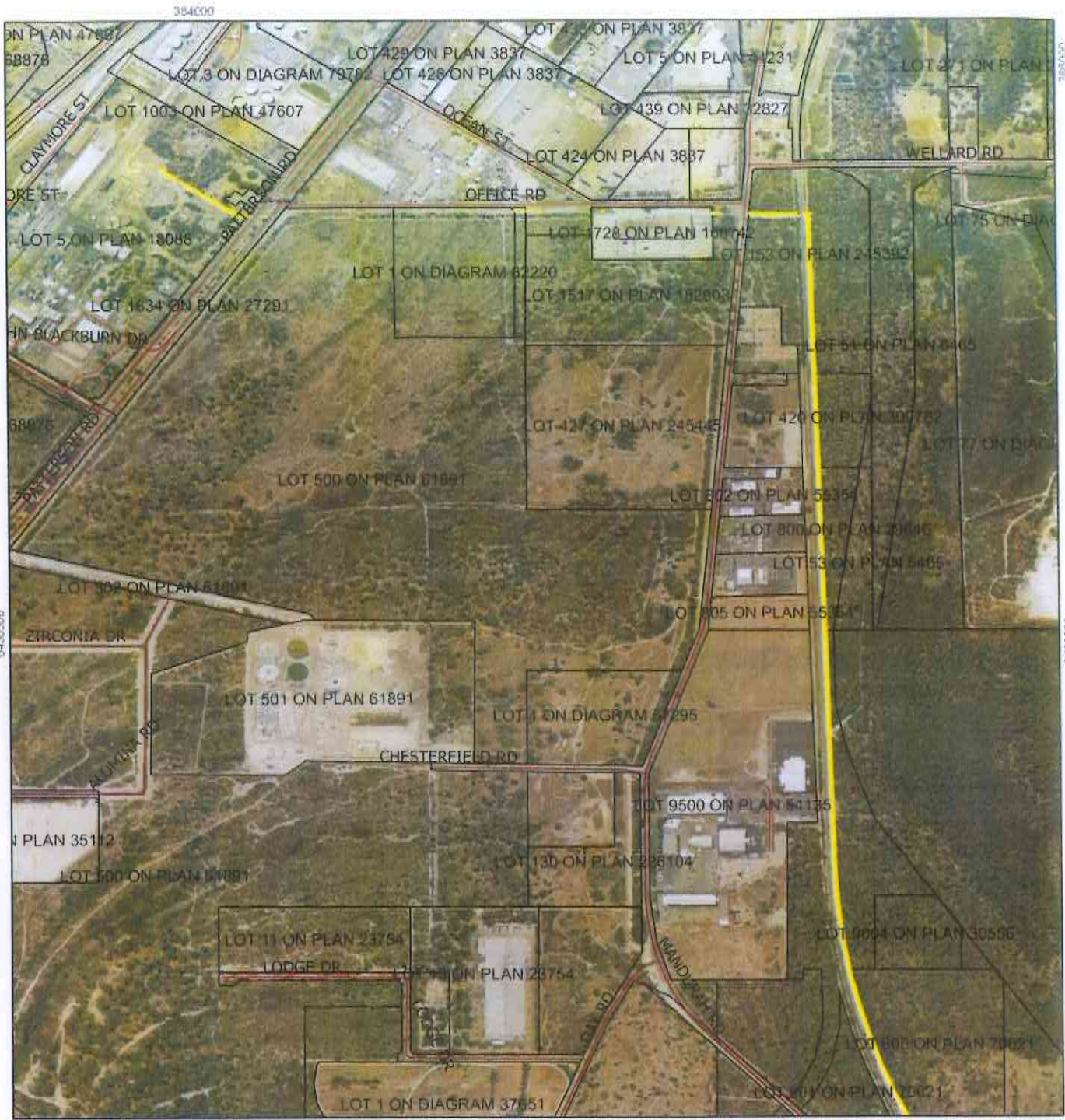


M Warnock
SENIOR MANAGER
CLEARING REGULATION

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

25 June 2015

Plan 3704/2a



Legend

-  Clearing Instruments Activities
-  Roads
-  Cadastre
- Virtual Mosaic



1:10,000

MGA 04
Geocentric Datum of Australia 1984

M Warnock Date 25/6/15

M Warnock

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



GOVERNMENT OF
WESTERN AUSTRALIA

Plan 3704/2b

386000



6-4250000

6-4250000

386000

Legend

Clearing Instruments Activities

Roads

Cadastral

Virtual Mosaic



1:9,000

MGA 94

Geocentric Datum of Australia 1994

M Warnock Date 25/6/15

M Warnock

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



GOVERNMENT OF
WESTERN AUSTRALIA



1. Application details

1.1. Permit application details

Permit application No.: 3704/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: BHP Billiton Nickel West Pty Ltd

1.3. Property details

Property:

- LOT 5 ON PLAN 18088, KWINANA BEACH
- LOT 1634 ON PLAN 27291, EAST ROCKINGHAM
- LOT 1 ON DIAGRAM 62220, EAST ROCKINGHAM
- LOT 9000 ON PLAN 404186, EAST ROCKINGHAM
- LOT 2243 ON PLAN 176207, EAST ROCKINGHAM
- LOT 1728 ON PLAN 166742, EAST ROCKINGHAM
- LOT 622 ON PLAN 117585, EAST ROCKINGHAM
- LOT 153 ON PLAN 245392, EAST ROCKINGHAM
- ROAD RESERVE, KWINANA BEACH (PIN 1358830)
- LOT 4662 ON PLAN 95174, EAST ROCKINGHAM
- LOT 4220 ON PLAN 192602, EAST ROCKINGHAM
- LOT 55 ON PLAN 8163, EAST ROCKINGHAM
- LOT 54 ON PLAN 8163, EAST ROCKINGHAM
- LOT 52 ON PLAN 8163, EAST ROCKINGHAM
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- LOT 50 ON PLAN 8163, EAST ROCKINGHAM
- LOT 51 ON DIAGRAM 57664, EAST ROCKINGHAM
- LOT 4332 ON PLAN 10534, EAST ROCKINGHAM
- LOT 4641 ON PLAN 27775, EAST ROCKINGHAM
- LOT 4333 ON PLAN 10534, EAST ROCKINGHAM
- UNALLOCATED CROWN LAND, LEDA (PIN 11433800)
- LOT 479 ON PLAN 27773, LEDA
- LOT 310 ON PLAN 244038, LEDA
- UNALLOCATED CROWN LAND, LEDA 6170 (PIN 11433799)
- LOT 396 ON PLAN 219858, LEDA
- LOT 777 ON PLAN 3893, LEDA
- UNALLOCATED CROWN LAND, LEDA (PIN 1192772)
- UNALLOCATED CROWN LAND, LEDA (PIN 1192771)
- LOT 502 ON PLAN 56798, LEDA
- LOT 4335 ON PLAN 11170, LEDA
- LOT 4639 ON PLAN 27786, LEDA
- LOT 504 ON PLAN 56798, LEDA
- LOT 122 ON PLAN 69112, LEDA
- LOT 123 ON PLAN 69112, LEDA
- LOT 820 ON PLAN 77252, BALDIVIS

Local Government Authority: City of Kwinana
City of Rockingham
DER Region: Greater Swan
DPaW District: Swan Coastal

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
1		Mechanical Removal	Infrastructure maintenance

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 25 June 2015

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

Vegetation Description

Mapped Beard vegetation association 998 is described as medium woodland; tuart (Shepherd et al 2001).

Mapped Beard vegetation association 3048 is described as shrublands; scrub-heath on the Swan Coastal Plain (Shepherd et al 2001).

Mapped Heddle Vegetation Complex Cottesloe Central & South is described as a mosaic of woodland of *Eucalyptus gomphocephala* (Tuart) and open forest of *Eucalyptus gomphocephala* (Tuart) - *Eucalyptus marginata* (Jarrah) - *Corymbia calophylla* (Marri); closed heath on the Limestone outcrops (Heddle et al 1980).

Mapped Heddle Vegetation Quindalup Complex is described as a coastal dune complex consisting mainly of two alliances - the strand and fore-dune alliance and the mobile and stable dune alliance. Local variations include the low closed forest of *Melaleuca lanceolata* (Rottnest Teatree) - *Callitris preissii* (Rottnest Island Pine) and the closed scrub of *Acacia rostellifera* (Summer-scented Wattle) (Heddle et al 1980).

Clearing Description

The proposed clearing is for the replacement of three existing pipelines running from the Nickel Refinery to the pond site. The area proposed to be cleared is up to 1 hectare and covers approximately a 7 kilometre route where the pipeline will be replaced.

Vegetation Condition

Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994).

Comment

The application is to amend Clearing Permit CPS 3704/1 to extend the duration to 27 June 2020.

The vegetation condition was determined via aerial imagery.

3. Assessment of application against clearing principles

Comments This amendment has been made to extend the duration of clearing permit CPS 3704/1 to 27 June 2020.

The assessment against the clearing principles has not changed and can be found in Clearing Permit Decision Report CPS 3704/1.

Planning instruments and other relevant matters.

Comments The assessment against planning instruments and other matters has not changed and can be found in Clearing Permit Decision Report CPS 3704/1.

4. References

- Heddle, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Shepherd, D.P. (2007) Adapted from: 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.