



Your ref:
Our ref: CPS 5837/1
Enquiries: Belinda Walker
Phone: 6467 5030
Fax: 6467 5532
Email: belinda.walker@der.wa.gov.au

Dr Paul Vogel
Chairman
Environmental Protection Authority
Locked Bag 33
CLOISTERS SQUARE PERTH WA 6850

Dear Dr Vogel

REFERRAL OF A PROPOSAL TO THE ENVIRONMENTAL PROTECTION AUTHORITY UNDER SECTION 38(5) OF THE ENVIRONMENTAL PROTECTION ACT 1986

The Department of Environment Regulation (DER) has recently received an application from the Department of Water to clear 0.09 hectares of native vegetation within Lot 5607 on Deposited Plan 208673, Pinjar, for the purpose of drilling groundwater monitoring bores.

The proposed clearing is within an area subject to the Environmental Protection (Gnangara Mound Crown Land) Policy 1992, which places restrictions on clearing native vegetation within the policy area unless authorised under the Act to do so.

No authorisation exists for clearing in accordance with section 51C of the *Environmental Protection Act 1986* (EP Act). Accordingly, I have formally referred this application to the Environmental Protection Authority for consideration and determination.

A preliminary assessment of the principles outlined in Schedule 5 of the EP Act has been undertaken and is attached for your information.

Should further information be required, please contact Ms Belinda Walker from DER's Native Vegetation Conservation Branch on 6467 5030.

Yours sincerely

M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

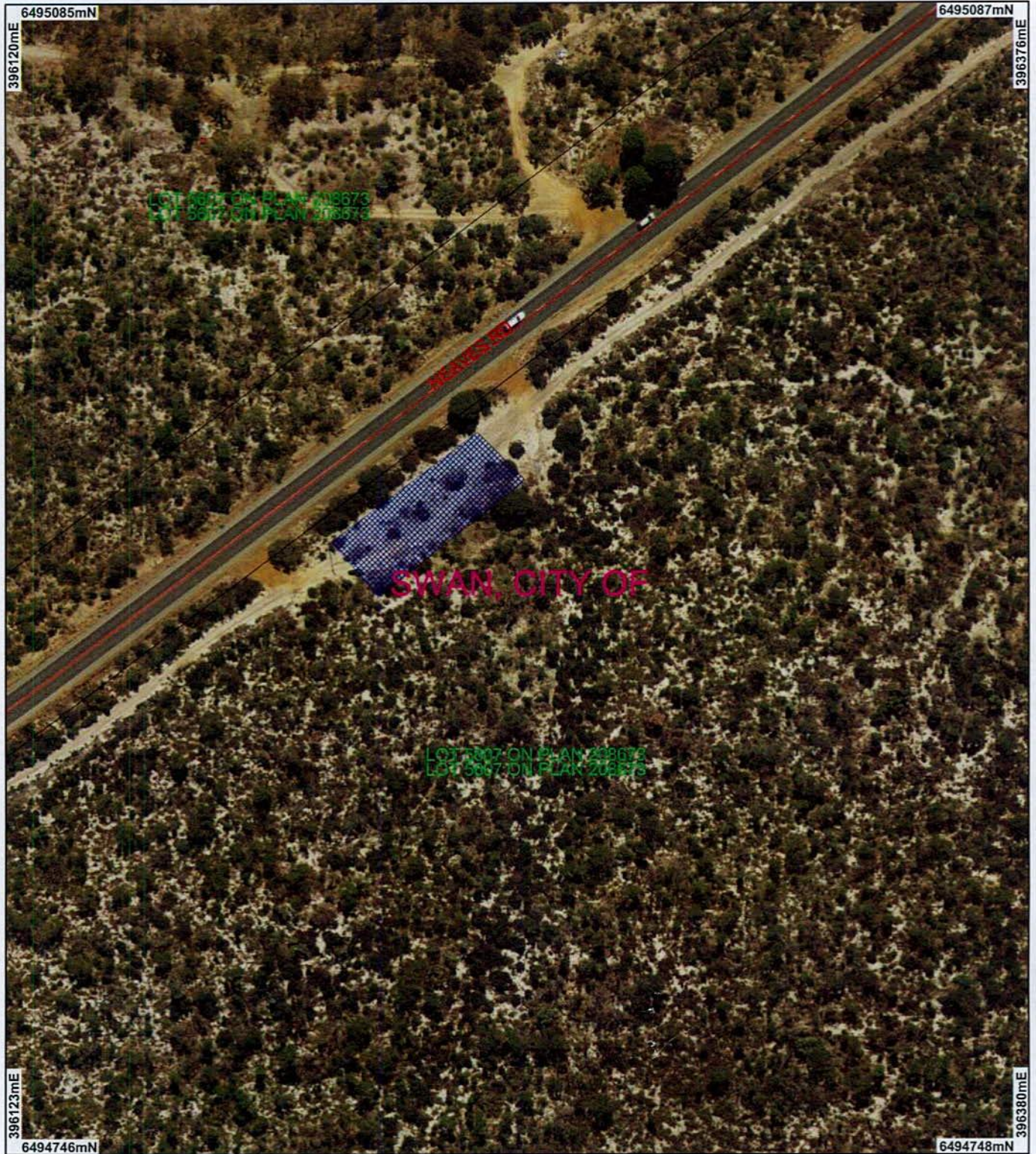
*Officer delegated under Section 20
of the Environmental Protection Act 1986*

10 December 2013

Attachments: Map and Context Map of Proposal
Supporting Information
Preliminary Assessment Report

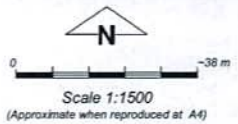
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|--|---|
| Office of the Environmental Protection Authority | |
| File: | |
| 1 6 DEC 2013 | |
| A: | <input type="checkbox"/> For Information |
| fa: | <input type="checkbox"/> For Discussion |
| Officer: | <input type="checkbox"/> For Action |
| <input type="checkbox"/> Dir.AC | Response please: |
| <input type="checkbox"/> Dir. Bus Ops | <input type="checkbox"/> GM Signature |
| <input type="checkbox"/> Dir. SPPD | <input type="checkbox"/> Dir for GM (copy to GM) |
| <input type="checkbox"/> Dir. Strat Sup | <input type="checkbox"/> Dir Signature (copy to GM) |
| <input type="checkbox"/> | <input type="checkbox"/> Mgr Direct (copy to GM) |

CPS 5837/1 - Map (AM25)



LEGEND

-  Local Government Authorities
-  Road Centrelines
-  Cadastre
-  Clearing Instruments
-  Areas Applied to Clear



Geocentric Datum Australia 1994
 Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

Date

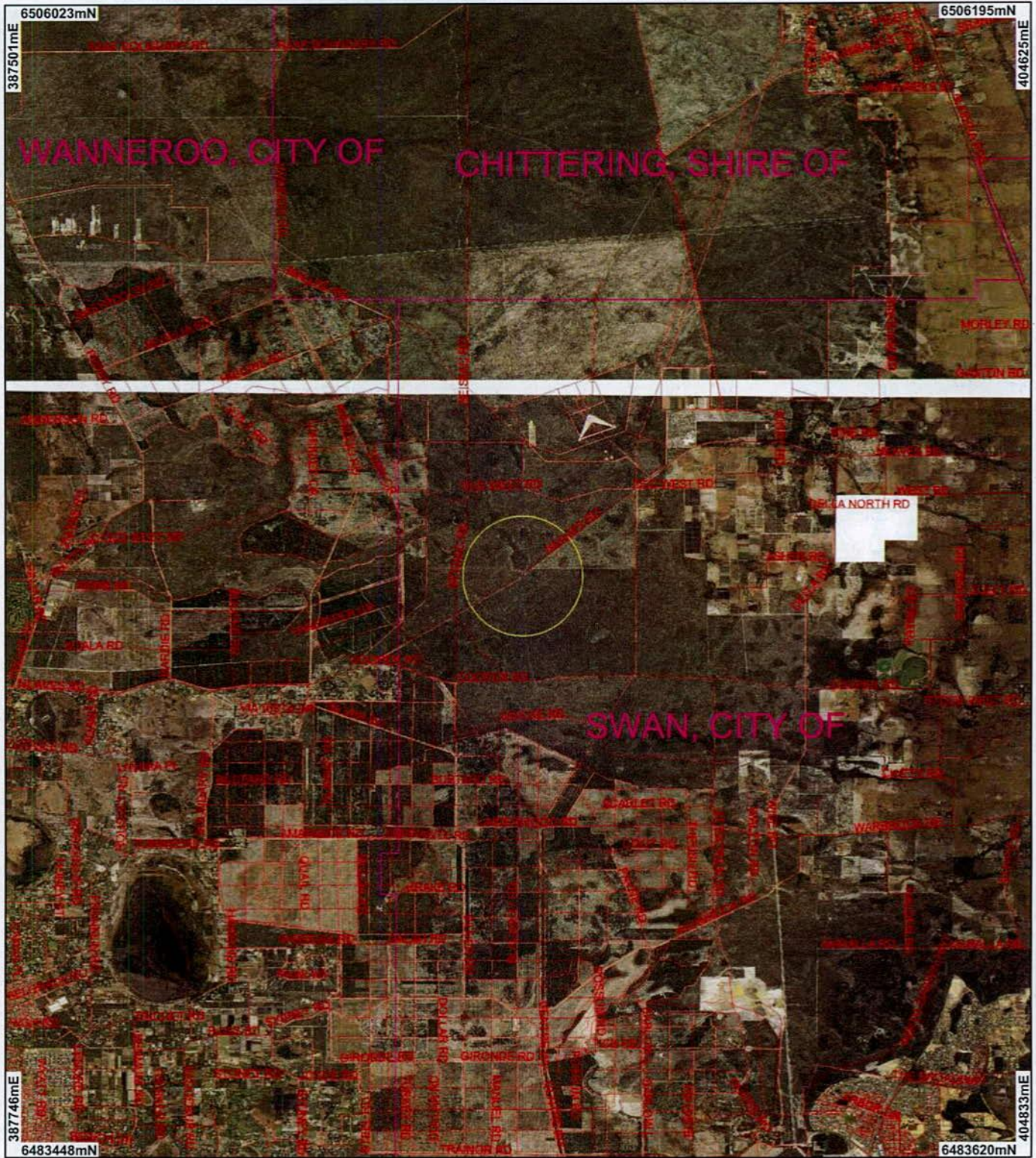
Officer with delegated authority under Section 20 of the Environmental Protection Act 1986

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* Project Data. This data has not been quality assured. Please contact map author for details.

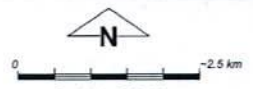
CPS 5837/1 - Context Map (AM25)



LEGEND

-  Local Government Authorities
-  Road Centrelines
-  Clearing Instruments
-  Areas Applied to Clear

Perth Metropolitan Area
North 15cm Orthomosaic -
Landgate 2012



Scale 1:100000
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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

Date

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

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Government of Western Australia
Department of Environment Regulation

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Preliminary Assessment Report

Government of Western Australia
Department of Environment Regulation

1. Application details

1.1. Permit application details

Permit application No.: 5837/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Department of Water

1.3. Property details

Property: ROAD RESERVE (BAMBUN 6503)
LOT 10501 ON PLAN 219172 (YEAL 6503)
LOT 5607 ON PLAN 208673 (House No. 399 NEAVES PINJAR 6078)
Local Government Area: Shire of Gingin (AM10) and City of Swan (AM25)
Colloquial name: AM10 and AM25

1.4. Application

| Clearing Area (ha) | No. Trees | Method of Clearing | For the purpose of: |
|--------------------|-----------|--------------------|---------------------|
| 0.18 | | Mechanical Removal | Bore construction |

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

| Vegetation Description | Vegetation Condition |
|--|--|
| The areas under application have been mapped as Beard Vegetation Association 1014 which is described as low woodland; banksia / shrublands; teatree thicket (AM10 - Duffy Road, Yeal); and Beard Vegetation Association 949 which is described as low woodland; banksia (AM25 - Neaves Road, Pinjar) (Shepherd et al, 2001). | Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994) |

3. Assessment of application against Clearing Principles

Comments

need to put in app issue ie. current referral

Consideration has been given to impacts to biodiversity, significant fauna habitat, rare flora, threatened ecological communities, remnant vegetation values, wetlands, watercourses, land degradation, surface water quality, groundwater quality, and flooding. The assessment has found that the clearing under application is not likely to be at variance to all clearing principles.

The clearing is for the purpose of drilling groundwater monitoring bores. No submissions have been received.

Methodology

- GIS Datasets:
- Hydrology, linear
 - IBRA Australia
 - Aboriginal Sites of Significance
 - DEC Tenure
 - Metropolitan Regional Scheme
 - Town Planning Scheme Zones
 - CAWSA Part IIA Clearing Controls Catchment
 - Geomorphic Wetlands (Mgt Categories), Swan Coastal Plain
 - ANCA, Wetlands
 - RAMSAR, Wetlands
 - Groundwater salinity, statewide
 - Topographic Contours, statewide
 - Soils, statewide
 - Environmental Protection Gngangara Mound Crown Land Policy 1992
 - RIWI Act, Areas
 - Bushforever_1
 - Pre-European Vegetation
 - SAC Biodatasets Accessed 19 November 2013
 - Perth Metropolitan Area North 15cm Orthomosaic - Landgate 2012
 - Perth Metropolitan Area Central 15cm Orthomosaic - Landgate 2012

References:

- Shepherd et al (2001)
- Keighery (1994)

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.
- 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.



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The clearing under application is located within an area subject to the Environmental Protection (Gnangara Mound Crown Land) Policy 1992. As such, advice has been sought from the Environmental Protection Authority (EPA). Once a determination has been made by the EPA the Department of Environmental Regulation will be in a position to finalise the application.

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Methodology

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|--|--|
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| - IBRA Australia | Keighery (1994) |
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- Topographic Contours, statewide
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- Perth Metropolitan Area North 15cm Orthomosaic - Landgate 2012
- Perth Metropolitan Area Central 15cm Orthomosaic - Landgate 2012

4. References

- EPA (1992) Environmental Protection (Gnangara Mound Crown Land) Policy 1992. Western Australian Government Gazette, 24 December 1992, pp 6287-93.
- 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., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.

CPSS 582711 / DER2013/000878 A679970



Department of Environment and Conservation - Department of Mines and Petroleum

Application for a clearing permit (purpose permit)
 Environmental Protection Act 1986 s 51E
FORM C2

Clearing of native vegetation is prohibited in Western Australia except where a clearing permit has been granted or an exemption applies. A person who causes or allows unauthorised clearing commits an offence.

Department of Environment Regulation
 7 OCT 2013
 Native Vegetation Conservation Branch
 Date stamp

Part 1 Land details

The location of the land where clearing is proposed must be accurately described.

Land description: Volume and Folio number, Lot or location number(s), Crown Lease or Reserve number, Pastoral Lease number or Mining Tenement number of all properties where clearing is proposed.

AM10 - Duffy Road, Road Reserve, Yeal and Lot 10501, Swan Location 42450, Crown Reserve 42450, Yeal

AM25 - Lot 5607 on Plan 208673, Swan Location 5607, State Forest 65, Neaves Road, Pinjar

Local government area

AM10 - Shire of Gingin, AM25 - City of Swan

DEPARTMENT OF ENVIRONMENT REGULATION
 FILE REFERENCE
 3 OCT 2013
 Corporate Information Section

Part 2 Proposal

An aerial photograph or map with a north arrow **must** be attached, clearly marking the area proposed to be cleared. **or** If you have the facilities, a digital map on CDROM of the area to clear in **one** of the following formats:

- ESRI Shapefile with the following properties:
 - Geometry Type: Polygon shape
 - Coordinate System: GCS GDA 1994 (Geographic latitude/longitude)
 - Datum: GDA 1994 (Geocentric Datum of Australia 1994).
- Autocad 2000 or earlier, or Microstation 8 or earlier.

Total area of clearing proposed (hectares)

0.18 hectares

Proposed method of clearing

Mechanical

Period within which clearing is proposed to be undertaken, e.g. May 2010-June 2010

November 2013 - December 2014

Purpose of clearing

Drilling 4 replacement groundwater monitoring bores at 2 sites.

Part 3 Applicant

To apply for a permit you must either be:

- the landowner, or
- have the authority of the landowner to access the land and undertake the clearing.

If granted, the permit will be issued in the name of the applicant.

Are you applying as an individual, a company or an incorporated body? - Enter details for one only (**please print**).

An individual - applicant's given names, Family name and title (Mr, Mrs, Ms, etc)

A company or incorporated body name (Note: companies **must** supply an Australian Company Number - ACN)

Department of Water

Ownership of land

- A landowner can be:
- a person who holds the Certificate of Title;
 - a person who is the lessee of Crown land, or
 - a public authority that is responsible for care of the land.

Full name of **all** landowners as they appear on the Certificate of Title (**please print**)

(1) AM10 - Road Reserve - Shire of Gingin and Lot 10501 - Department of Environment and Conservation

(2) AM25 - Department of Environment and Conservation

If more than one Certificate of Title, please include details on a separate sheet.



RECEIVED
 03 OCT 2013
 DEC Finance

Bores AM10 and AM10A - Proposed Drill Pad Site



Bores AM10 and AM10A
Proposed Drill Pad Site

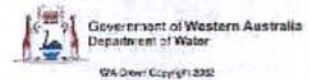
LEGEND

-  Local Government Authorities - DLJ
-  Clearing Permit Boundaries_GDA84*
-  Proposed Drill Pad Sites_GDA84_v3*
-  Road Centrelines - Landgate
-  Cadastre - DLJ



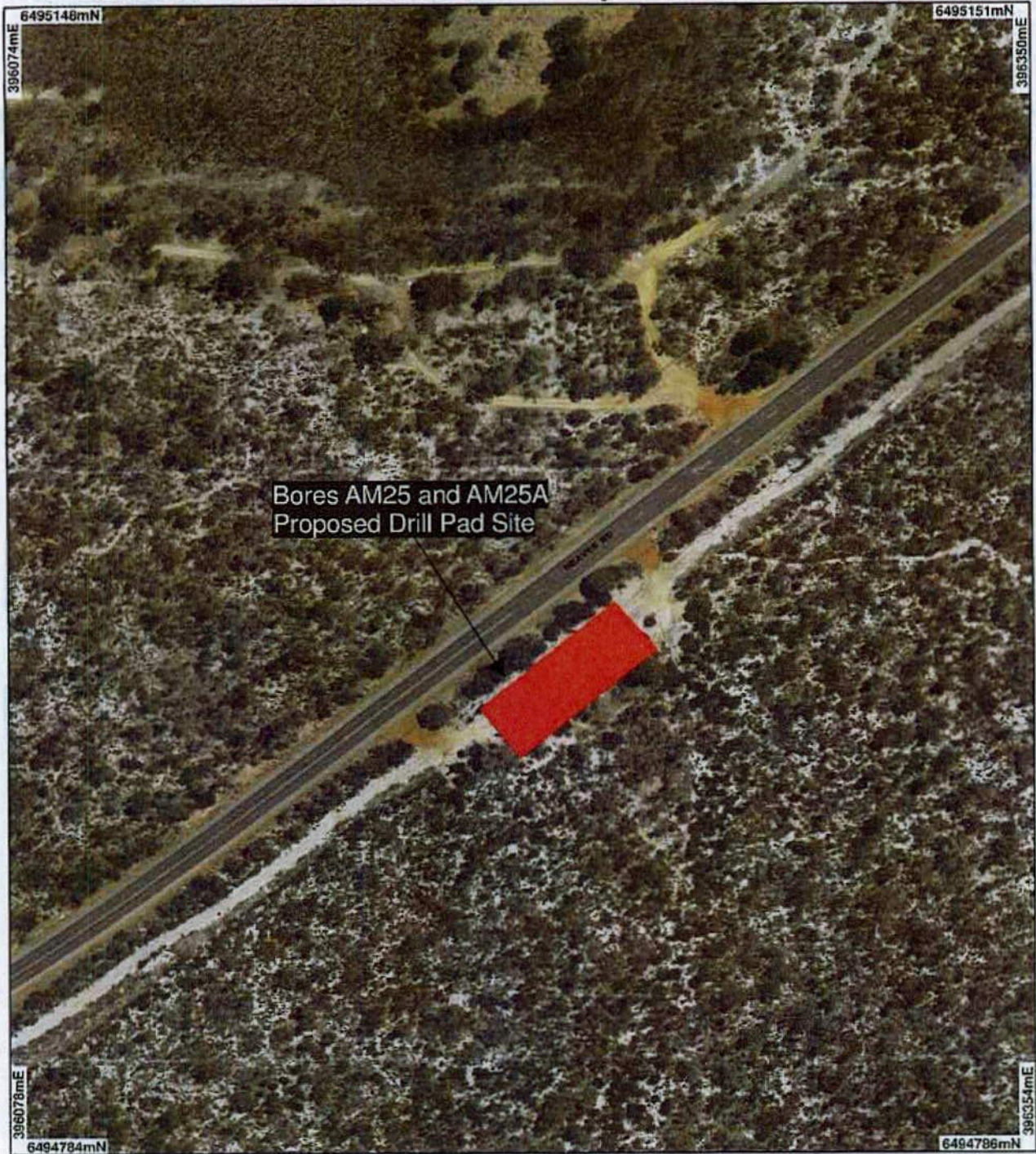
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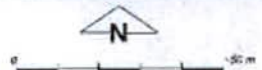
* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.

Bores AM25 and AM25A - Proposed Drill Pad Site



LEGEND

- | | |
|------------------------------------|------------------------------------|
| Local Government Authorities - DLI | Clearing_Permit_Boundaries_GDA94 * |
| Road Centrelines - Landgate | Proposed_Drill_Pad_Site_GDA94_v3 * |
| Cadastre - DLI | |



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Government of Western Australia
Department of Water

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