



Licence number	L6785/1995/11
Licence holder	Key Petroleum (Australia) Pty Ltd
ACN	127 011 161
Registered business address	Suite 3, Churchill Court 331-335 Hay Street SUBIACO WA 6008
DWER file number	2010/003128-1
Duration	20/12/2013 to 19/12/2045
Date of issue	5/12/2013
Date of amendment	15/12/2025
Premises details	Mt Horner Oilfield Project Department of Mines and Petroleum Production Licence 7 DONGARA WA 6525 Being Lot 2 on Plan 6473 as depicted in Schedule 1 of licence

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations</i> 1987)	Assessed production / design capacity
Category 10: Oil or gas production from wells	250,000 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 15 December 2025 by:

MANAGER PROCESS INDUSTRIES
Officer delegated under section 20 of the Environmental Protection Act 1986

Licence history

Date	Reference number	Summary of changes
22/12/2003	L6785/1995/8	Licence re-issue
17/08/2004	L6785/1995/8	Licence amendment
29/11/2007	L6785/1995/9	Licence re-issue
02/12/2010	L6785/1995/10	Licence re-issue
13/06/2013	L6785/1995/10	Licence amendment
05/12/2013	L6785/1995/11	Licence re-issue and amendment to REFIRE format
20/10/2016	L6785/1995/11	Amendment Notice 1- amendment to update groundwater monitoring requirements including removing dry monitoring bores
28/09/2018	L6785/1995/11	Licence transferred from AWE Perth Pty Ltd to Key Petroleum (Australia) Pty Ltd
15/12/2025	L6785/1995/11	Expiry date amended to 19/12/2045

Interpretation

In this licence:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this licence:
- (e) if dated, refers to that particular version; and
- (f) if not dated, refers to the latest version and therefore may be subject to change over time;
- (g) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (h) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

Licence conditions

The licence holder must ensure that the following conditions are complied with:

General conditions

1. The licence holder must operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.
2. The licence holder must:
 - (a) implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises; and
 - (b) treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the Premises.¹

Note1: The Environmental Protection (Unauthorised Discharges) Regulations 2004 make it an offence to discharge certain materials into the environment.

3. All water samples must be submitted to a laboratory with current NATA accreditation for the analysis specified, and analysed in accordance with the current "Standard Methods for Examination of Water and Wastewater-APHA-AWWA-WEF.

Premises operation

4. The licence holder must ensure that produced formation water is not discharged to the environment.
5. The licence holder must record on a monthly basis, the discharge volume produced and report that quantity in accordance with condition 13.
6. The licence holder must report all details pertaining to the disposal and management of Produced Formation Water in accordance with 13.
7. The licence holder must submit a report to the CEO pertaining to the disposal and management of Produced Formation Water. The report will contain but not limited to the following:
 - (a) an outline of the produced formation water management plan proposal;
 - (b) process description including inputs and outputs;
 - (c) a detailed map of the premises;
 - (d) treatment processes and recycling methods including waste generation, waste minimisation, waste collection and storage;
 - (e) contingency procedures to avoid emissions and discharges resulting from disposal process failure, operational procedures and maintenance procedures; and
 - (f) storage and handling methods (where applicable).
8. The licence holder must record and maintain a monthly list of consumption, by quantity, of treatment chemicals added to the Mount Horner production system.
9. The licence holder must forward the information required in condition 8 to the CEO along with any available toxicity data where any new treatment chemicals are introduced into the production system.
10. The licence holder must maintain a record of all flowline leaks that are detected. Each record shall identify the leaking flowline and outline the location and extent of the area affected by the flowline leak. This record shall be reported in accordance with conditions 13, 14 and 15

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11. The licence holder must ensure that all non-putrescible solid waste, excluding toxic and hazardous substances are disposed of to an approved landfill.
12. The licence holder must ensure toxic and hazardous solids shall be made available for disposal offsite to an approved landfill by a licenced controlled waste carrier.

Monitoring

General monitoring.

13. The licence holder must ensure that:
 - (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
 - (b) all wastewater sampling is conducted in accordance with AS/NZS 5667.10;
 - (c) all surface water sampling is conducted in accordance with AS/NZS 5667.4, AS/NZS 5667.6 or AS/NZS 5667.9 as relevant;
 - (d) all groundwater sampling is conducted in accordance with AS/NZS 5667.11;
 - (e) all laboratory samples are submitted to a laboratory with current NATA accreditation for the parameters to be measured [unless indicated otherwise in the relevant table].
14. The licence holder must ensure that:
 - (a) monthly monitoring is undertaken at least 15 days apart;
 - (b) quarterly monitoring is undertaken at least 45 days apart;
 - (c) six monthly monitoring is undertaken at least 5 months apart; and
 - (d) annual monitoring is undertaken at least 9 months apart.
15. The licence holder must ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer's specifications, and the requirements of the Licence.

Monitoring of point source emissions to groundwater

16. The licence holder must undertake the monitoring in Table 1 according to the specifications in that table.

Table 1: Monitoring of point source emissions to groundwater

Emission point reference	Parameter	Units ¹	Frequency
Camp Water Bore (MTH CWB).	(i) arsenic (As); (ii) barium (Ba); (iii) cadmium (Cd); (iv) chromium (Cr); (v) copper (Cu); (vi) iron (Fe); (vii) lead (Pb); (viii) strontium (Sr); (ix) zinc (Zn); (x) chemical oxygen demand (COD); (xi) Total Petroleum Hydrocarbons (TPH); (xii) light fraction organic compounds (eg. BTEX – Benzene, Ethylbenzene, Toluene and Xylene compounds);	mg/L	Six monthly

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	(xiii) Total Dissolved Solids (TDS); and		
	(xiv) pH	N/A	

Note 1: Milligrams per Litre - mg/L

Records and reporting

Records

17. All information and records required by the Licence must:
 - (a) be legible;
 - (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
 - (c) except for records listed in 17(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
 - (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
 - (i) off-site environmental effects; or
 - (ii) matters which affect the condition of the land or waters.
18. The licence holder must ensure that:
 - (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
 - (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.
19. The licence holder must record the following information in relation to complaints received by the licence holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
 - (a) the name and contact details of the complainant, (if provided);
 - (b) the time and date of the complaint;
 - (c) the complete details of the complaint and any other concerns or other issues raised; and
 - (d) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
20. The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
 - (a) the calculation of fees payable in respect of this licence;
 - (b) monitoring programmes undertaken in accordance with conditions 13,14 and 15 of this licence; and
 - (c) complaints received under condition 19 of this licence.

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21. The books specified under condition 20 must:

- (a) be legible;
- (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
- (c) be retained by the licence holder for the duration of the licence; and
- (d) be available to be produced to an inspector or the CEO as required.

Reporting

22. The licence holder must:

- (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period, and
- (b) prepare and submit to the CEO an Annual Audit Compliance Report in the approved form by 30 September each year.

23. The licence holder must:

- (a) prepare an Environmental Report that provides information in accordance with Table 2 for the preceding two annual periods, and
- (b) submit that Environmental Report to the CEO by 30/09/2023 and biennially thereafter.

Table 2: Environmental reporting requirements

Condition or table (if relevant)	Parameter	Format or form ¹
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken.	None specified
5	Monthly volumes of Produced Formation Water (PFW)	
6	Disposal and Management Report of Produced Formation Water (PFW).	
8	Monthly consumption volumes of chemical treatment agents utilised in the Mt Horner production system.	
10	Annual reporting of flowline leaks, their location, extent of area affected by the flowline leak and action undertaken to remediate the issue.	
Table 1	Monitoring of point source emissions to groundwater.	
22	Annual Audit Compliance Report	Approved Form
19	Complaints summary	None specified

24. The licence holder must ensure that the Annual Environmental Report also contains:

- (a) any relevant process, production or operational data recorded under Condition 15;
- (b) an assessment of the information contained within the report against previous monitoring results; and
- (c) a list of any original monitoring reports submitted to the Licensee from third parties for the annual period and make these reports available on request.

Definitions

In this licence, the terms in Table 3 have the meanings defined.

Table 3: Definitions

Term	Definition
ACN	Australian Company Number
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates are available on the Department's website).
annual period	a 12 month period commencing from 1 July until 30 June of the immediately following year.
approved form	means the AACR Form template approved by the CEO for use and available via DWER's external website;
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples;
AS/NZS 667.11	means the Australian Standard AS/NZS 5667.11 Water Quality – Sampling – Guidance on sampling of groundwaters;
averaging period	means the time over which a limit or target is measured or a monitoring result is obtained;
biennially	means every two years.
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer of the department. “submit to / notify the CEO” (or similar), means either: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au
department; DWER	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under the EP Act.
EP Act	<i>Environmental Protection Act 1986</i> (WA)

Term	Definition
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within.
licence holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
NATA	means the National Association of Testing Authorities, Australia;
NATA accredited	means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis;
normal operating conditions	means any operation of a particular process (including abatement equipment) excluding start-up, shut-down and upset conditions, in relation to stack sampling or monitoring;
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises maps (Figures 1,2 and 3 in Schedule 1 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
Schedule 1	means Schedule 1 of this Licence unless otherwise stated;
shut-down	means the period when plant or equipment is brought from normal operating conditions to inactivity
spot sample	means a discrete sample representative at the time and place at which the sample is taken;
start-up	means the period when plant or equipment is brought from inactivity to normal operating conditions;

END OF CONDITIONS

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Schedule 1: Maps

Premises map

The Premises is shown in the maps below. The pink line depicts the Premises boundary.

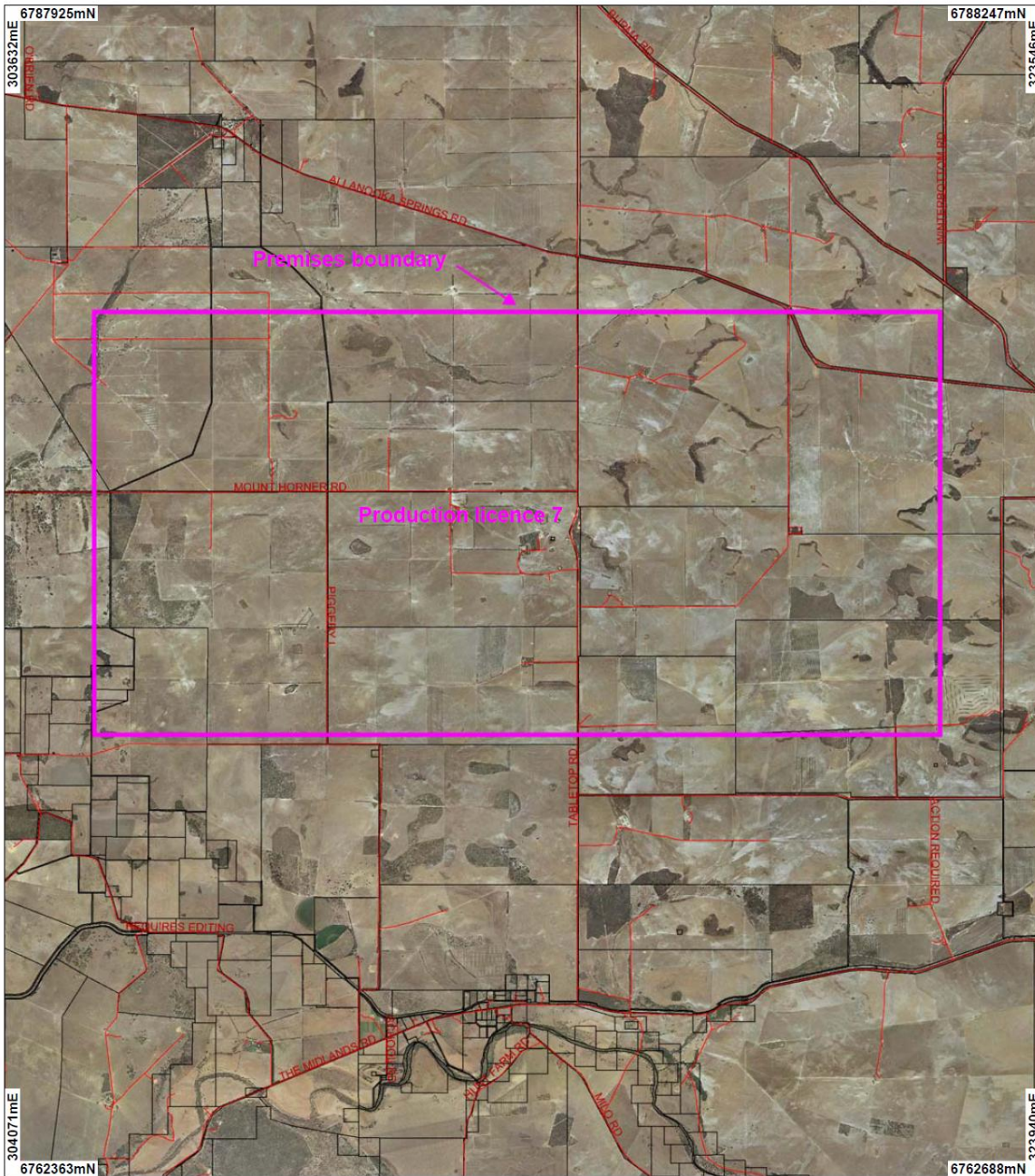


Figure 1: Map of the boundary of the prescribed premises

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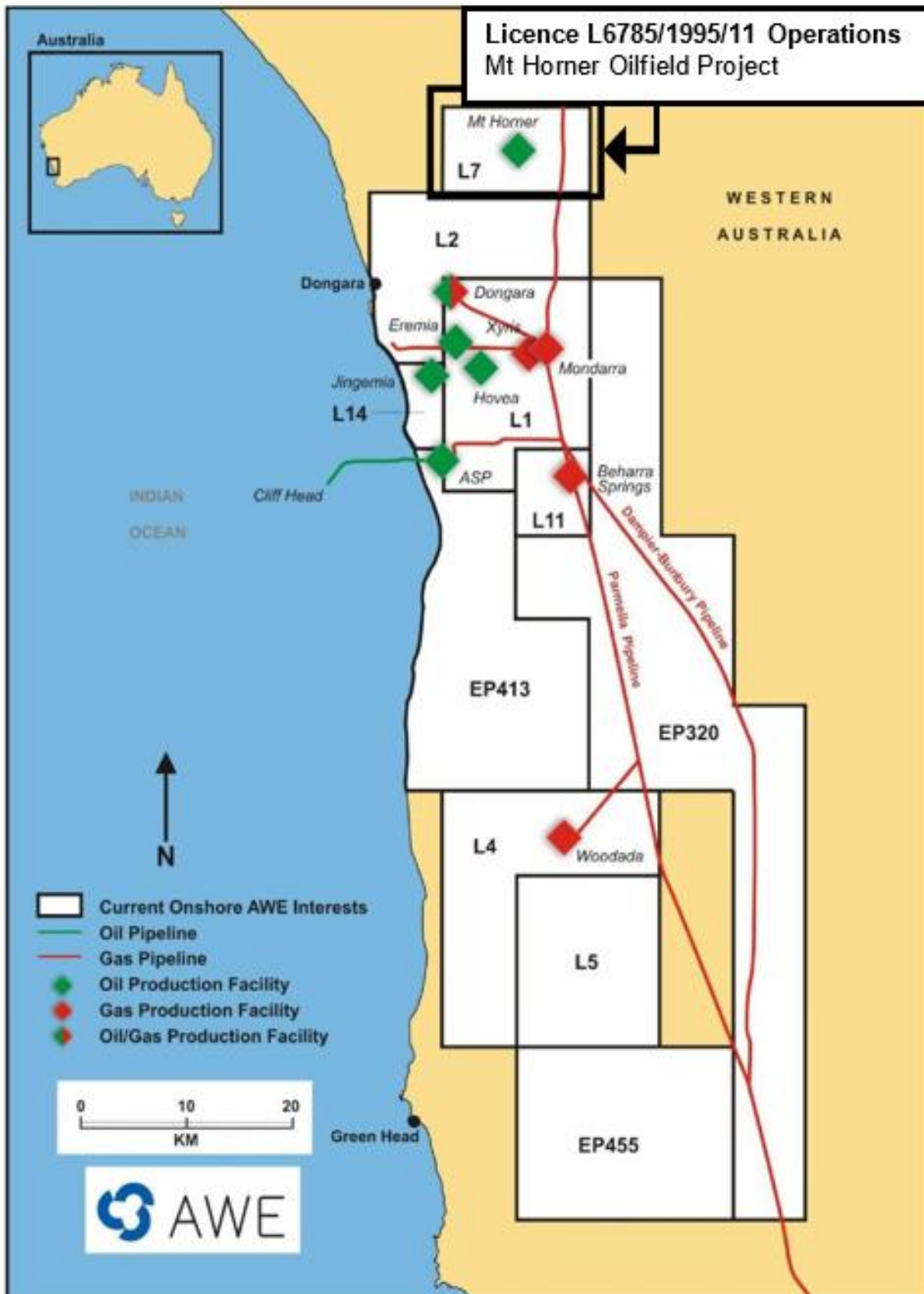


Figure 2: Map of Licence Operational Area

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Map of monitoring locations

The locations of the monitoring points defined in Table1 are shown below.

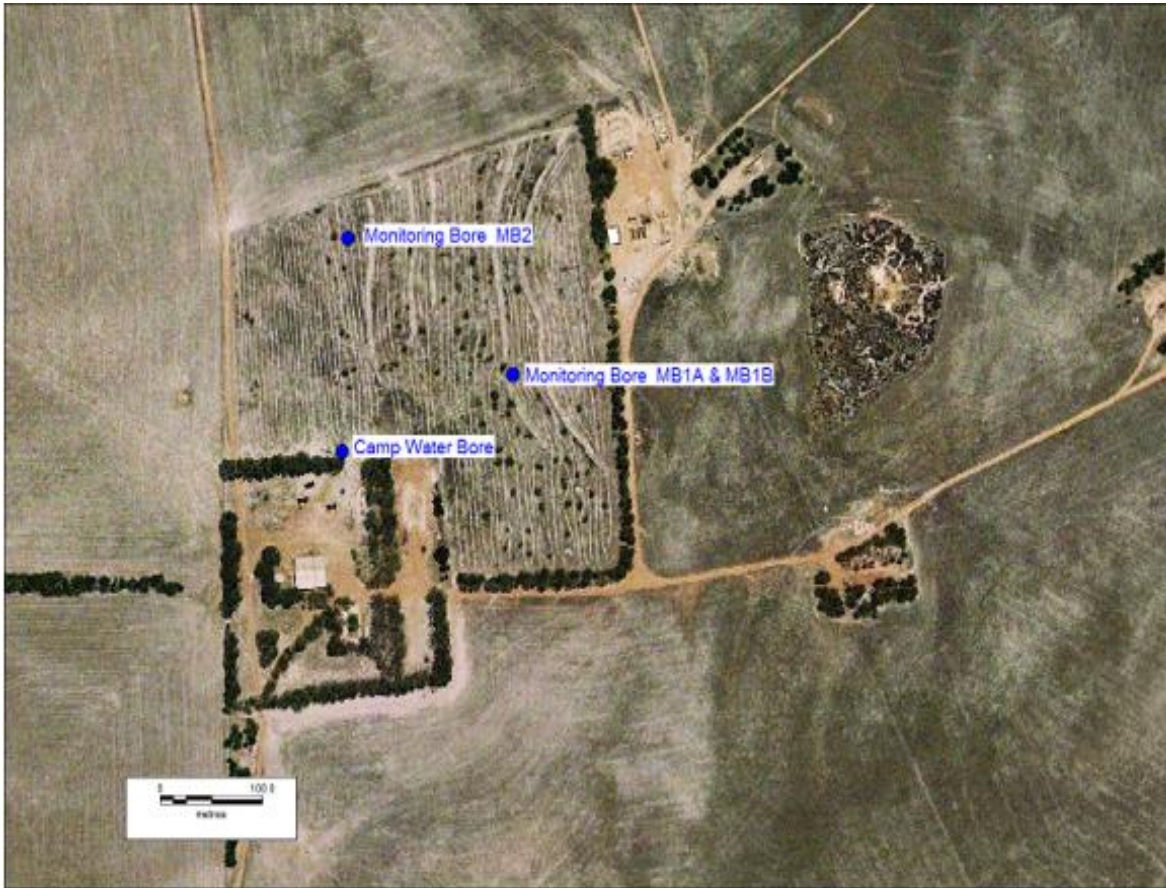


Figure 3: reference to monitoring bores MB1A, MB1B and MB2 are excluded.