



<b>Licence number</b>	L5343/1989/7
<b>Licence holder</b>	Kitchener Mining No Liability
<b>ACN (if applicable)</b>	008 721 168
<b>Registered business address</b>	Tonic House 386 Flinders Lane Melbourne VIC 3000
<b>DWER file number</b>	DER2014/001422-1
<b>Duration</b>	23 May 2023 to 22 May 2043
<b>Date of issue</b>	22/05/2023
<b>Premises details</b>	Bamboo Creek Gold Mine M45/480 and M45/481 Marble Bar WA 6760 As defined by the maps in Schedule 1

<b>Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)</b>	<b>Assessed / design capacity</b>
Category 5: Processing or beneficiation of metallic or non-metallic ore	110 000 tonnes per annum
Category 12: Screening, etc. of material	110 000 tonnes per annum
Category 89: Putrescible landfill site	Not more than 5 000 tonnes per annum

This licence is granted to the licence holder, subject to the attached conditions, on 22/05/2023, by:

Senior Environmental Officer, Industry Regulation  
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

## Licence history

Date	Reference number	Summary of changes
23/05/2011	L5343/1989/6	Licence renewal
22/05/2023	L5343/1989/7	Licence renewal

## 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:
  - (i) if dated, refers to that particular version; and
  - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) 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:

### Infrastructure and equipment

1. The licence holder must ensure that the site infrastructure and equipment listed in Table 1 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table1.

**Table 1: Infrastructure and equipment requirements**

Site infrastructure and equipment	Operational requirement	Infrastructure location
Processing plant consisting of: (i) three stage crushing circuit; (ii) two stage milling circuit; (iii) gravity collection circuit; (iv) standard carbon-in-pulp circuit and (v) tailings thickener for water recovery.	Operated in a manner consistent with condition 3 of this licence	See Schedule 1 Figure 3
Power station consisting of: (i) 3 x Caterpillar 3412 at 750 KVA each power unit; (ii) 1 x Caterpillar C15 at 500 KVA; and (iii) 1 x Cummins NT-855 at 300 KVA	Diesel fuel used	
Tailings dam	Operated in a manner consistent with condition 4 of this licence	

## Emissions and discharges

### Stormwater

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.<sup>1</sup>

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

### Dust

3. The licence holder must take all reasonable and practicable measures to prevent or minimise the generation of dust from all materials handling operations, stockpiles, open areas and transport activities.

### Protection against overtopping of Storage Facilities

4. The licence holder must maintain any waste storage structures (including leach dams, tailing storage facilities) such that they can maintain a minimum freeboard of 600mm above the materials in the dam structures at all times.

## Landfill - Management

5. The licence holder must maintain the putrescible landfill site disposal cells such that:
  - (a) the base of the cells is greater than 3 metres above the height of the highest known water table; and
  - (b) a minimum distance of at least 100 metres is maintained between the waste disposal sites and any superficial water body.
  - (c) restrict the tipping area to a maximum linear length of 30 metres;
  - (d) cover waste with at least 150 mm of cover material;
  - (e) stockpile sufficient cover material to allow waste to be covered in accordance with part (d) of this condition and to cover waste in the event of a fire;
  - (f) manage the active landfill area such that at no time does land filling result in an exposed face exceeding two metres in vertical height; and
  - (g) cover waste with a final soil cover of at least one metre.
6. The licence holder must manage the putrescible landfill facility such that earthen bunds are maintained around the perimeter of the active landfill cell to contain windblown waste.

## Monitoring

### Groundwater Monitoring

7. The licence holder must measure and record the standing water level (SWL) in meters Australian height datum (mAHD) of monitoring bores, MB1, MB2, MB3, MB4, MB5, MB6, MB7, MB8, MB9, MB10, MB11, MB12, and MB13 on a 3-monthly basis. SWL must be determined prior to collection of water samples.
8. 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; and
  - (c) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.
9. The licence holder must ensure that quarterly monitoring is undertaken at least 45 days apart.
10. 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.
11. The licence holder must, where the requirements for the calibration cannot be practically met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.
12. The licence holder must undertake the monitoring in Table 2 according to the specifications in that table.

**Table 2: Monitoring of groundwater**

Monitoring sites (Attachment 4)	Sampling Frequency	Parameters to be measured
MB1, MB2, MB3, MB4, MB5, MB6, MB7, MB8, MB9, MB10, MB11, MB12, and MB13	3-monthly (February, May, August, and November)	pH <sup>1</sup> Total dissolved solids (mg/L) Arsenic (mg/L) Copper (mg/L) Weak acid dissociable cyanide (mg/L)

Note 1: In-field non-NATA accredited analysis permitted.

## Records and reporting

13. 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 16 (d) be retained for a 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.
14. The licence holder must complete an Annual Audit Compliance Report by 30 August indicating the extent to which the Licence Holder has complied with the conditions of the licence, and any previous licence issued under Part V of the Act for the premises for the previous annual period.
15. The licence holder must implement a complaints management system that as a minimum record the number and details of complaints received concerning the environmental impact of the activities undertaken at the premises and any action taken in response to the complaint.
16. The licence holder must submit to the CEO an Annual Environmental Report by 30 August and biennially thereafter. The report shall contain the information listed in Table 2 in the format or form specified in that table.
17. 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.

- 18.** 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) any maintenance of infrastructure that is performed in the course of complying with condition 1 of this licence;
  - (c) monitoring programmes undertaken in accordance with conditions 7, 8, 9, 10, 11, and 12 of this licence; and
  - (d) complaints received under condition 17 of this licence.
- 19.** The books specified under condition 18 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.

## 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 may be available on the Department's website).
annual period	a 12-month period commencing from 1 July until 30 June of the immediately following year.
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: <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994 (WA)</i> and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
EP Act	<i>Environmental Protection Act 1986 (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.
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figures 1 and 2) in Schedule 1 to this licence.

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**END OF CONDITIONS**

# Schedule 1: Maps

## Premises map

The boundary of the prescribed premises is shown in the maps below (Figure 1 and 2).

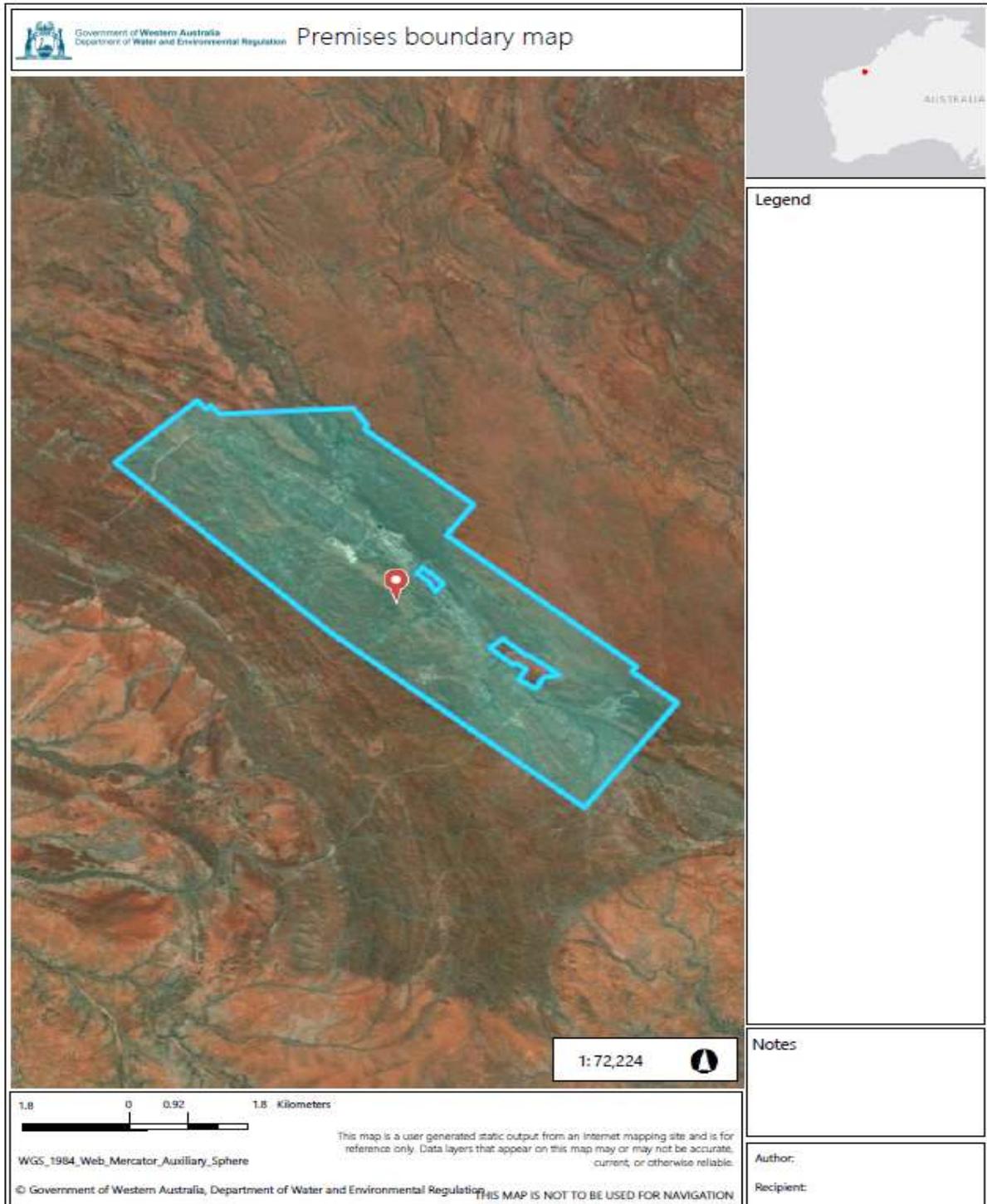


Figure 1: Map of the boundary of the prescribed premises



Figure 2: Mining tenements

Map of site layout including infrastructure is shown below (Figure 3)

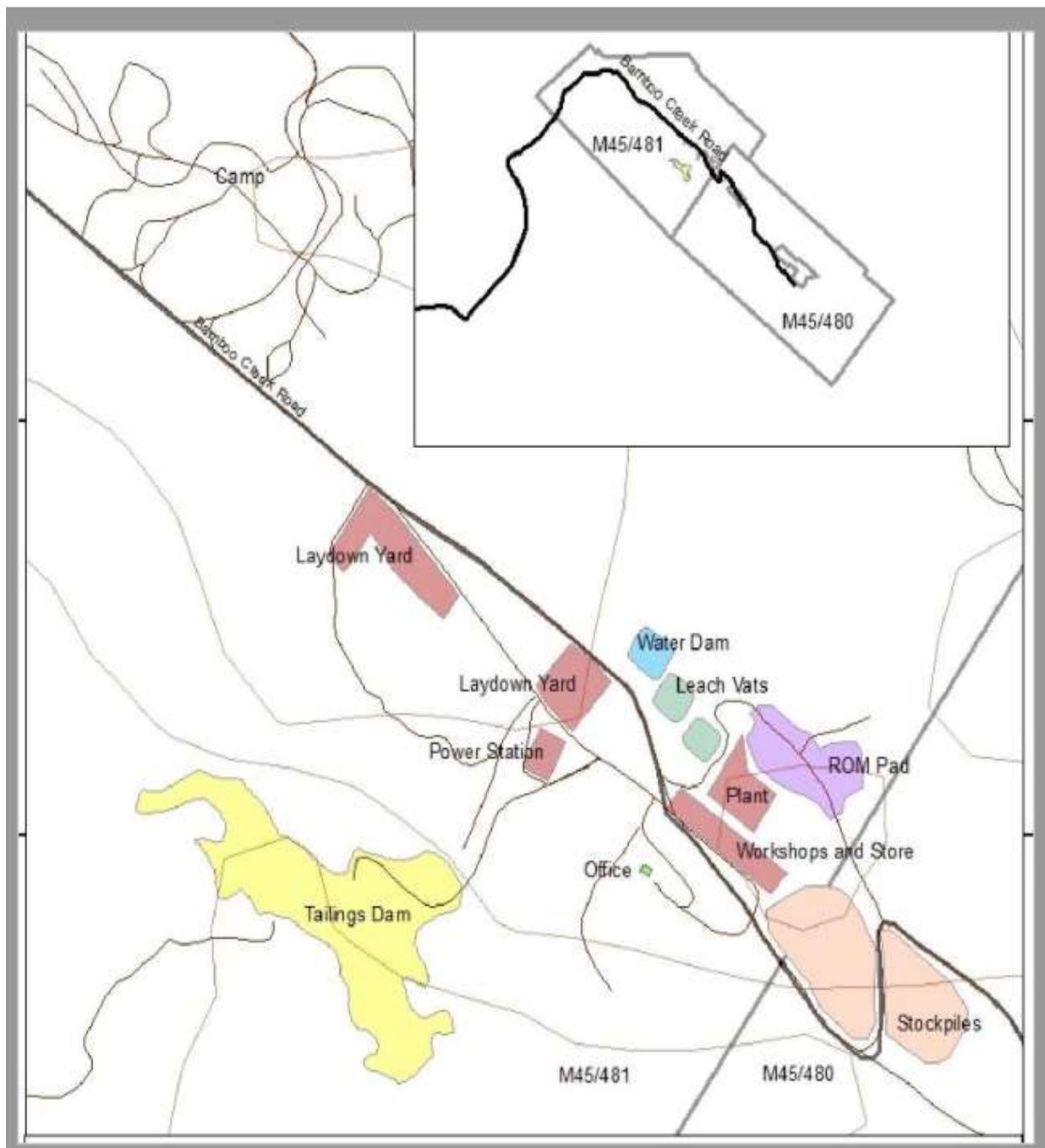


Figure 3: Infrastructure location

Map of groundwater monitoring bores (Figure 4)

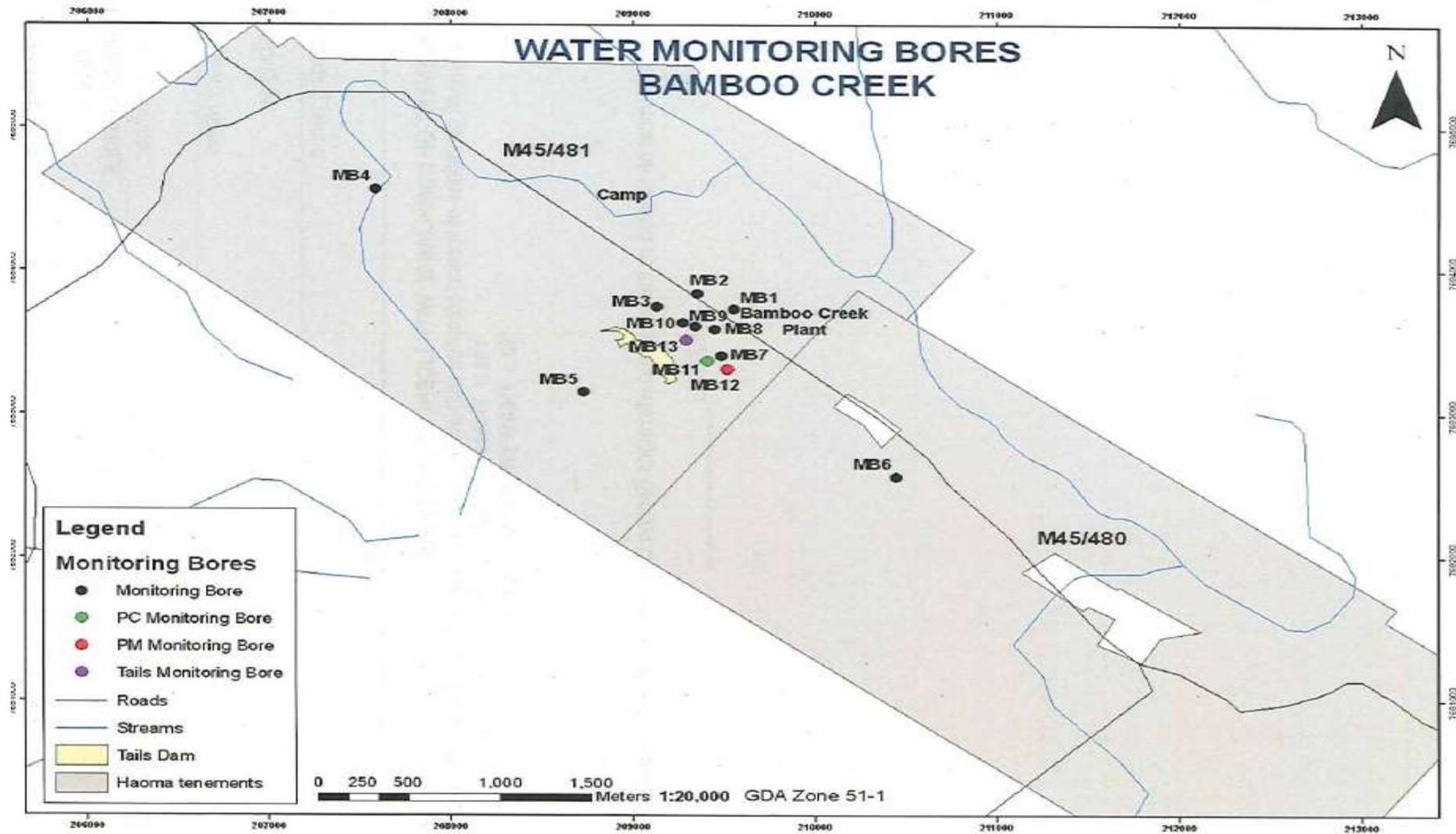


Figure 4: Map of bore locations.