



Works approval number	W6600/2021/1
Works approval holder	Minesite Recycling Pty Ltd
ACN	128 335 893
Registered business address	44-46 Maritana St, Kalgoorlie, WA 6430
DWER file number	DER2021/000285
Duration	11/01/2022 to 10/01/2027
Date of issue	11/01/2022
Premises details	Lot 51 Laverton-Leonora Rd LEONORA WA 6438 Legal description - Lot 51 on Plan 189395 As defined by Figure 1 and coordinates in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed design capacity
Category 62: Solid waste depot: premises on which waste is stored or sorted, pending final disposal or re-use, other than in the course of operating — (a) a refund point (as defined in the Waste Avoidance and Resource Recovery Act 2007 section 47C(1)) (a refund point); or (b) a facility or other place (an aggregation point) for the aggregation of containers that have been returned to refund points until those containers are accepted for processing or disposal.	5,000 tonnes/annum
Category 63: Class I inert landfill site: Premises on which waste (as determined by reference to the waste type set out in the document entitled “Landfill Waste Classification and Waste Definitions 1996” published by the Chief Executive Officer and as amended from time to time) is accepted for burial.	5,000 tonnes/annum
Category 64: Class II and III putrescible landfill site: premises on which waste (as determined by reference to the waste type set out in the document entitled “Landfill Waste Classification and Waste Definitions 1996” published by the chief executive Officer and as amended from time to time) is accepted for burial.	200 tonnes/annum

This works approval is granted to the works approval holder, subject to the attached conditions, on 11 January 2022, by:

Stephen Checker
Manager, Waste Industries

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Works approval history

Date	Reference number	Summary of changes
11/01/2022	W6600/2021/1	Issue of new works approval

Interpretation

In this works approval:

- (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 works approval:
 - (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 works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

Works approval conditions

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

Construction phase

Infrastructure and equipment

1. The works approval holder must:
 - (a) construct the infrastructure;
 - (b) in accordance with the corresponding design and construction requirements; and
 - (c) at the corresponding infrastructure location.

Table 1: Design and construction requirements

	Infrastructure	Design and construction requirements	Infrastructure location
1.	Landfills (Inert and Putrescible)	<ul style="list-style-type: none">Cells 5 m wide, 20 m long and 5 m deep;Maximum of 44 cells;Cells not to be constructed within 100 m of drainage channels;Cells not to be constructed within 35 m of the prescribed premises boundary;Cells not to be constructed within 3 m of the highest level of the water table;3 m firebreak around the boundary of the landfill;Stock proof perimeter fence;Perimeter drainage channel, capable of diverting stormwater away from active cells.	As shown in Figure 2 of Schedule 1
2.	Solid waste depot	<ul style="list-style-type: none">Concrete pad 20 m x 10 m, connected to a square sump;Two impervious, self-bunded containers and/or covered bins.	As shown in Figure 3 of Schedule 1

Compliance reporting

2. The works approval holder must within 30 calendar days of an item of infrastructure required by condition 1 being constructed:
 - (a) undertake an audit of their compliance with the requirements of condition 1; and
 - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
3. The Environmental Compliance Report required by condition 2, must include as a minimum the following:

- (a) certification by a qualified civil, structural or mining engineer that the items of infrastructure or component(s) thereof, as specified in condition 1, have been constructed in accordance with the relevant requirements specified in condition 1;
- (b) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and
- (c) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

Time limited operations phase

Commencement and duration

- 4. The works approval holder may only commence time limited operations for an item of infrastructure identified in condition 1 where the Environmental Compliance Report as required by condition 2 has been submitted by the works approval holder for that item of infrastructure, unless condition 1 states that no Environmental Compliance Report is applicable for that item.
- 5. The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 6:
 - (a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 4 for that item of infrastructure; or
 - (b) for a period not exceeding 180 calendar days from the issue of this works approval, where condition 1 states that no Environmental Compliance Report is applicable.
 - (c) until such time as a licence for that item of infrastructure is granted in accordance with Part V of the *Environmental Protection Act 1986*.

Time limited operations requirements

- 6. During time limited operations, the works approval holder must ensure that the premises infrastructure listed in Table 2 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 2.

	Site infrastructure	Operational requirement	Infrastructure location
1.	Landfill	<ul style="list-style-type: none"> • No more than one Category 63 and one Category 64 cell to be in operation at any one time; • Waste must be covered at least weekly with dense, inert and incombustible material; • all reasonable and practical measures must be taken to ensure that no windblown waste escapes from the Premises and that wind-blown waste is collected on at least a monthly basis and returned to the tipping area; • Stormwater must be diverted away from the landfill trenches; • Diverted stormwater must be directed away from drainage lines; 	As shown in Figure 2 of Schedule 1

	Site infrastructure	Operational requirement	Infrastructure location
		<ul style="list-style-type: none"> No burning of waste is to occur. 	
2.	Solid waste depot	<ul style="list-style-type: none"> Hazardous waste and e-waste are to be stored in self bunded containers and/or covered bins; No more than 20 tyres to be stored at the premises at any one time; Contaminated soil and treated timber are to be stored on a bunded concrete pad, connected to a sump. A Fire and Emergency Management Plan must be implemented, that sets out: <ul style="list-style-type: none"> (a) how fires will be prevented, detected, responded to, suppressed, contained and controlled for all approved activities addressing all waste types and stages of the waste handling, sorting and storage process; (b) the firefighting equipment and fire response capabilities and responsibilities; (c) waste handling, sorting and storage requirements for fire prevention and control; and (d) how, in the event of a fire occurring within the approved activities, impacts to the environment and human health will be mitigated. 	As shown in Figure 3 of Schedule 1

7. The works approval holder must only accept onto the premises waste types listed in Table 3 in Table 3.

Table 1: Authorised waste types

Site infrastructure	Waste types	Specifications
Class I inert landfill	Clean fill	Must meet the Acceptance Criteria for Class I landfills, as specified in the <i>Landfill waste classification and waste definitions (December 2019)</i> .
	Inert waste type 1	
	Inert waste type 2	
Class II putrescible landfill	Putrescible wastes	Must meet the Acceptance Criteria for Class II landfills, as specified in the <i>Landfill waste classification and waste definitions (December 2019)</i> .
Solid waste depot	Hazardous wastes	Batteries
	Recyclable waste	Scrap metal Depolluted car bodies Packaging material IBCs (empty and rinsed) Timber E-waste

Site infrastructure	Waste types	Specifications
	Tyres	N/A
	Domestic household waste	Furniture White goods
	Contaminated soil	Limited to hydrocarbon impacted soils

Monitoring during time limited operations

8. The approval holder must monitor and record the total volumes of each waste type accepted at and removed from the premises according to the parameters in Table 4.

Table 4: Monitoring requirements

	Waste type	Units ^{1, 2}	Frequency
Class I inert landfill	Clean fill	tonnes	Continuous: each load accepted at and removed from the premises
	Inert waste type 1		
	Inert waste type 2		
Class II putrescible landfill	Putrescible wastes	tonnes	
Solid waste depot	Hazardous wastes	tonnes	
	Recyclable waste		
	Tyres	units	
	Domestic household waste	tonnes	
	Contaminated soil		

Note 1: Where weigh bridges are used to measure the units of waste, the weigh bridges must be calibrated in accordance with the manufacturers specifications a minimum of once every annual period.

Note 2: Where volumes are estimated to measure the units of waste, the conversion of volume to weight must be done following the conversion factors in the *Local government guidance note: Converting volumes to tonnes*.

Compliance reporting

9. The works approval holder must submit to the CEO a report on the time limited operations within 30 calendar days of the completion date of time limited operations or 30 calendar days before the expiration date of the works approval, whichever is the sooner.
10. The works approval holder must ensure the report required by condition 9 includes a summary of the time limited operations, including timeframes and volumes of waste landfilled.

Clearing

11. The works approval holder shall not clear more than 5 hectares of native vegetation within the areas cross-hatched yellow on attached Plan 9308/1 under this Works Approval.
12. In determining the amount of native vegetation to be cleared authorised under this Works Approval, the works approval holder must have regard to the following principles, set out in order of preference:
- Avoid the clearing of native vegetation;
 - Minimise the amount of native vegetation to be cleared; and
 - Reduce the impact of clearing on any environmental value.
13. When undertaking any clearing or other activity authorised under this Works Approval, the works approval holder must take the following steps to minimise the risk of the introduction and spread of weeds:

- (a) Clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
 - (b) Ensure that no weed-affected soil, mulch, fill or other material is brought into the area to be cleared; and
 - (c) Restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- 14. The works approval holder must conduct clearing activities in a slow, progressive manner in one direction to allow fauna to move into adjacent native vegetation ahead of the clearing activity.

Records and reporting (general)

- 15. The works approval holder must maintain the following records in relation to the clearing of native vegetation authorised under this Works Approval:
 - (a) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees.
 - (b) the date that the area was cleared.
 - (c) the size of the area cleared (in hectares).
 - (d) actions taken to avoid, minimise and reduce the impacts and the extent of clearing in accordance with condition 12 of this Works Approval.
 - (e) actions taken to minimise the introduction and spread of weeds in accordance with condition 13 of this Works Approval.
- 16. The works approval holder must provide the CEO the records required under condition 15 of the works approval, when requested by the CEO.
- 17. The works approval holder must record the following information in relation to complaints received by the works approval 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 works approval holder to investigate or respond to any complaint.
- 18. The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:
 - (a) the works conducted in accordance with condition 1;
 - (b) any maintenance of infrastructure that is performed in the course of complying with condition 6;
 - (c) results of the monitoring conducted in accordance with condition 8; and
 - (d) complaints received under condition 17.
- 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 works approval holder for the duration of the works approval;
and
- (d) be available to be produced to an inspector or the CEO as required.

Definitions

In this works approval, the terms in Table 5 have the meanings defined.

Table 5: Definitions

Term	Definition
annual period	a 12 month period commencing from 1 January until 31 December of the same year.
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 info@dwer.wa.gov.au
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V Division 3 of the EP Act.
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.
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure has been constructed in accordance with the works approval.
EP Act	<i>Environmental Protection Act 1986</i> (WA).
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA).
premises	the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1) in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
time limited operations	refers to the operation of the infrastructure and equipment identified under this works approval that is authorised for that purpose, subject to the relevant conditions.
waste	has the same meaning given to that term under the EP Act.
works approval	refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to

Term	Definition
	the conditions.
works approval holder	refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works approval.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in pink in the map below (Figure 1).

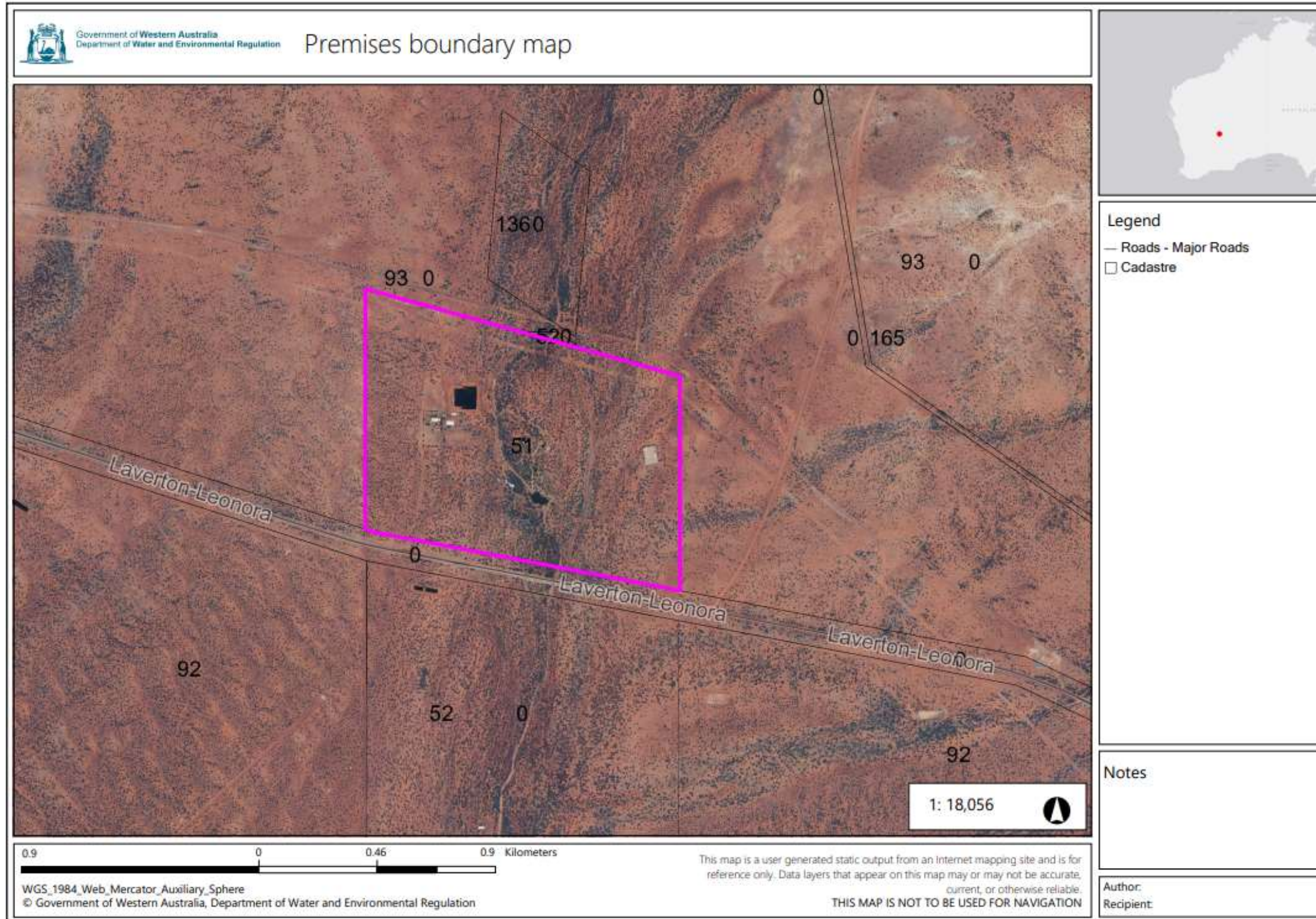


Figure 1: Map of the boundary of the prescribed premises

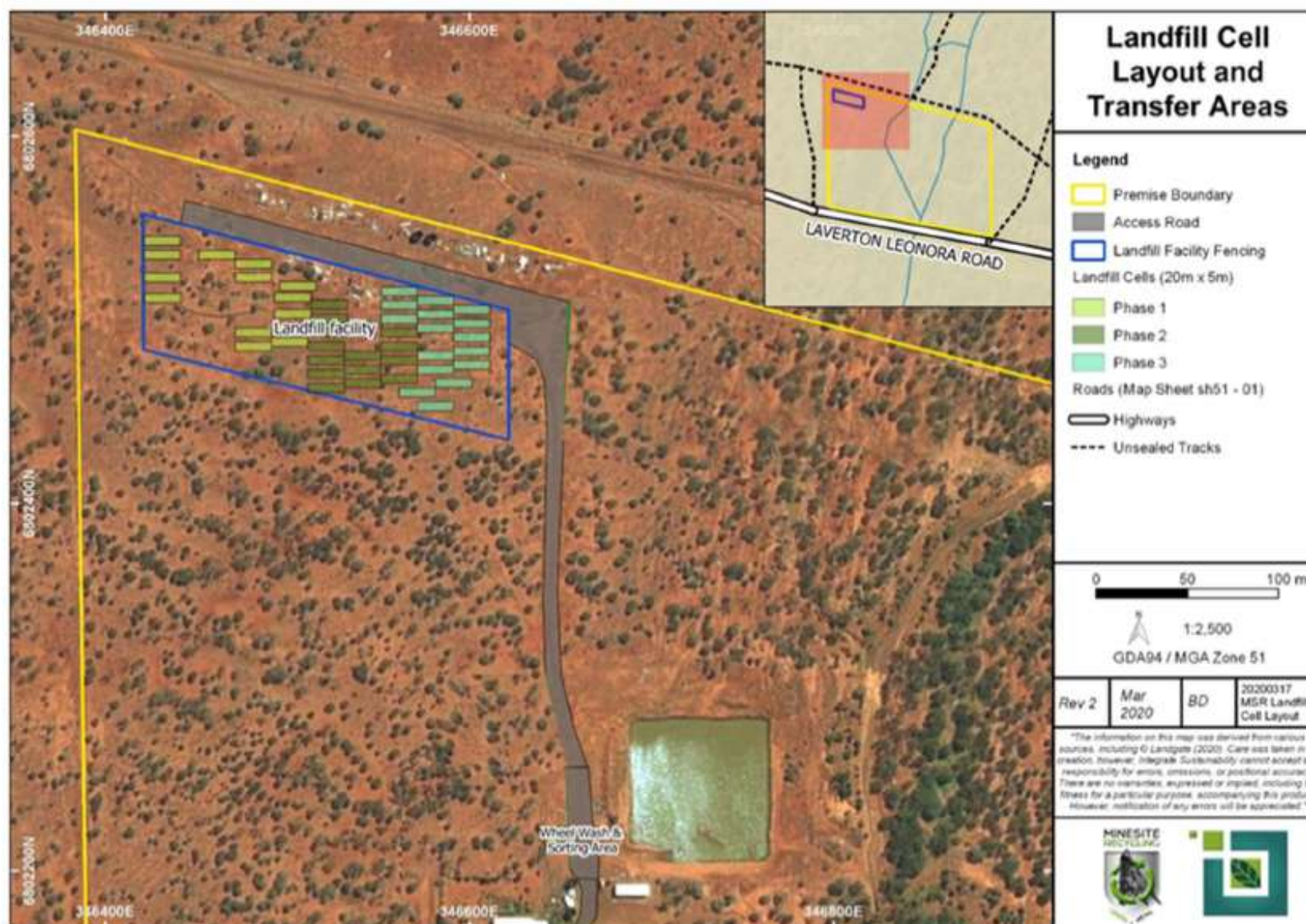


Figure 2: Map of landfill cell layout

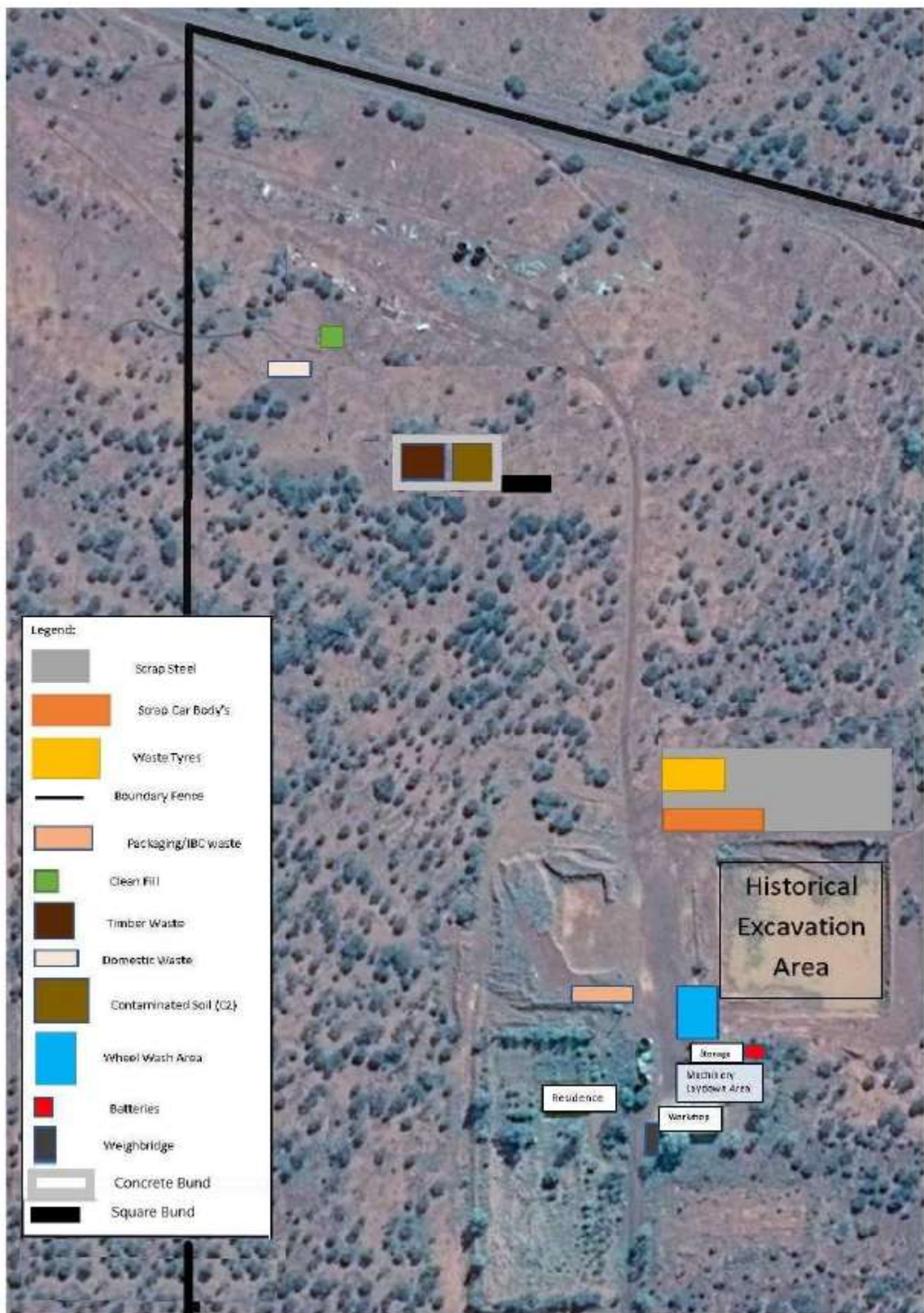
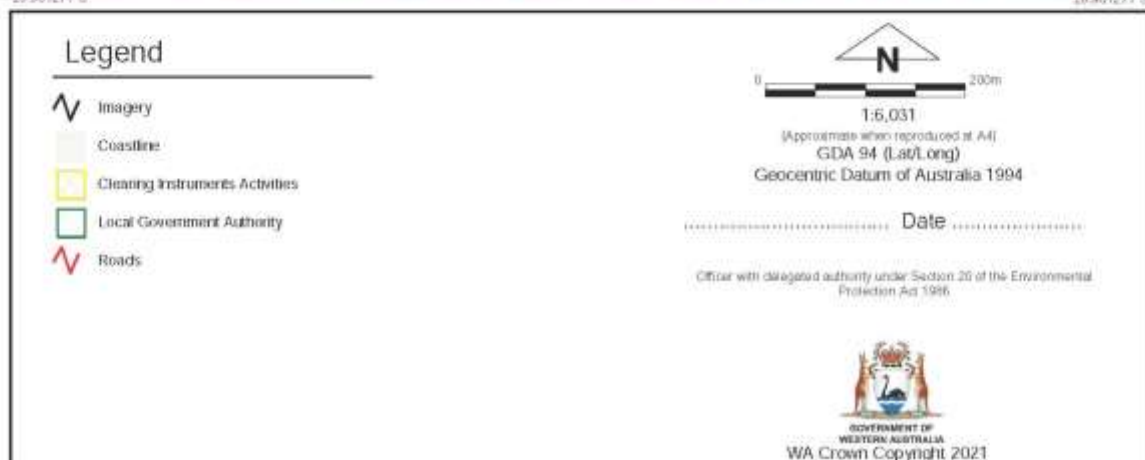
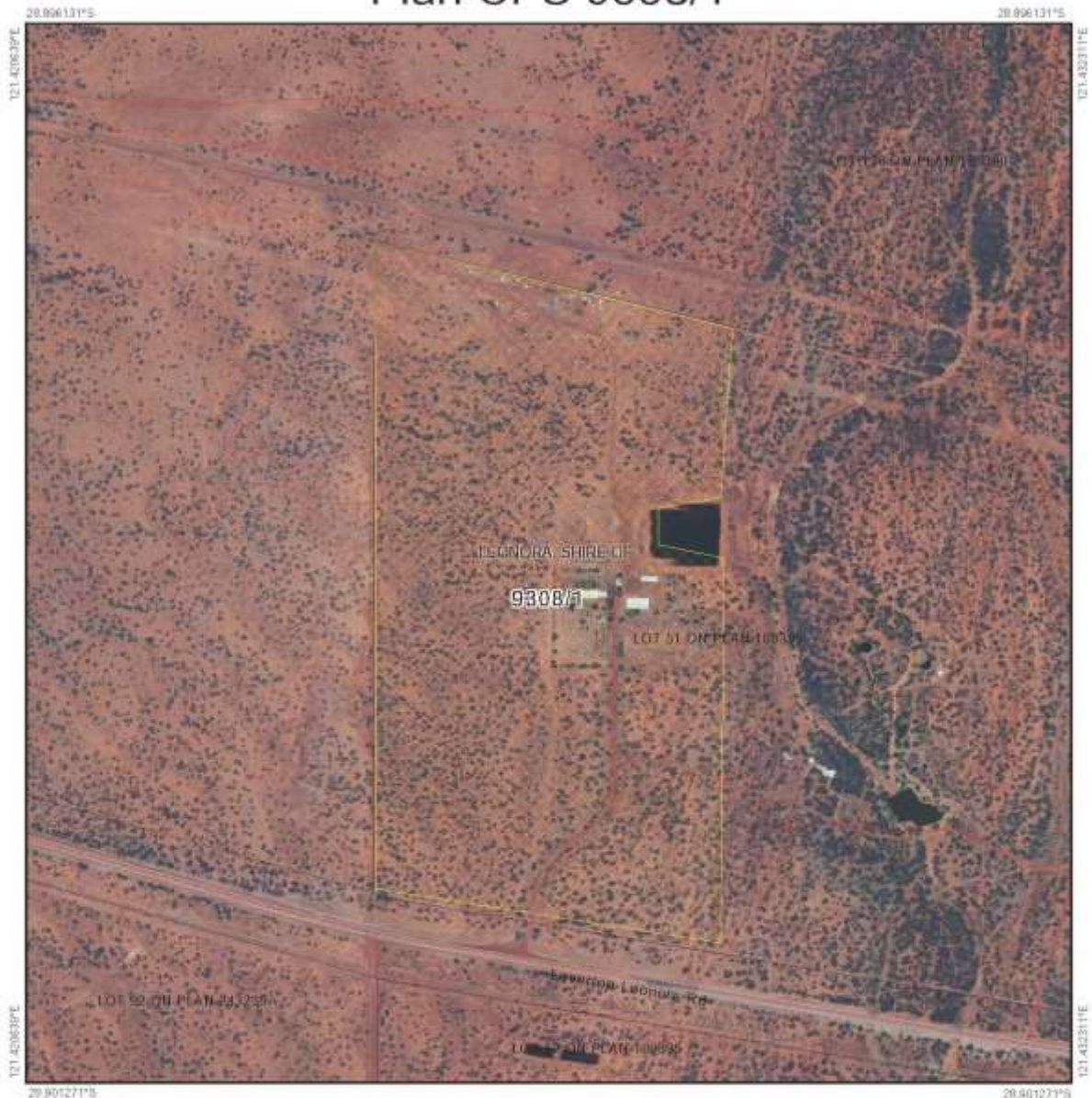


Figure 3: Map of solid waste depot layout

Plan CPS 9308/1



Schedule 2: Premises boundary

The premises boundary is defined by the coordinates in Table 6.

Table 6: Premises boundary coordinates (GDA 1994 Zone 51)

Easting	Northing
346384.21336	6802606.02984
347449.84735	6802326.47791
347460.60290	6801605.30385
346398.82227	6801796.18047