



Works Approval

Works approval number	W6630/2021/1	
Works approval holder	Perdaman Chemicals and Fertilisers Pty Ltd	
ACN	121 263 741	
Registered business address	Alluvion Building, Level 17, 58 Mounts Bay Road PERTH WA 6000	
DWER file number	DER2021/000654	
Duration	14/07/2022 to	13/07/2027
Date of issue	14/07/2022	
Date of amendment	18/12/2023	
Premises details	Perdaman Urea Project Part of Lot 3016 on DP42282 Crown Land Title Volume LR3139 Folio 39 Part of Lot 3015 on DP42282 Crown Land Title Volume LR3139 Folio 38 Part of Lot 3012 on DP42282 Crown Land Title Volume LR3139 Folio 35 Part of Lot 553 on DP406755 Crown Land Title Volume LR3167 Folio 958 Part of Lot 556 on DP406755 Crown Land Title Volume LR3167 Folio 961 Part of Lot 557 on DP406755 Crown Land Title Volume LR3167 Folio 962 As defined by the premises maps attached to the issued works approval	

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 12: Screening etc. of material: premises (other than premises within category 5 or 8) on which material extracted from the ground is screened, washed, crushed, ground, milled, sized or separated.	450,000 tonnes per year

This amended works approval is granted to the works approval holder, subject to the attached conditions, on 18 December 2023, by:

MANAGER, PROCESS INDUSTRIES

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

Works approval history

Date	Reference number	Summary of changes
14/07/2022	W6630/2021/1	Works approval granted.
18/12/2023	W6630/2021/1	CEO initiated amendment to give effect to the Minister for Environment's determination on appeal 028/22

Conditions subject to appeal determination

This works approval was amended on 18 December 2023 to give effect to the Minister for Environment's determination on appeal 028-22. Conditions that have been amended as a result of the appeal determination are marked in bold and underlined.

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 and/or install the infrastructure and/or equipment;
 - (b) in accordance with the corresponding design and construction / installation requirements; and
 - (c) at the corresponding infrastructure location; and
 - (d) within the corresponding timeframe,
 as set out in Table 1.

Table 1: Design and construction / installation requirements

Infrastructure	Design and construction / installation requirements	Infrastructure location
Crushing and screening circuit	<p>Metso Lokotrack LT125 Mobile Crushing Plant</p> <p>Transfer conveyors</p> <p>Kleemann MS19D Track Screen</p> <p>Komatsu WA600 loader</p> <p>Dust suppression sprays installed at material transfer locations on the Jaw Crusher, Cone Crushers (2), Triple Deck Screen and product stackers (3).</p> <p>Plant to be equipped with exhaust mufflers from the Original Equipment Manufacturer (OEM) or systems meeting or exceeding the OEM specifications</p> <p>Earthen bund around the premises boundary to prevent surface water run-off from the crushing and screening plant and associated processed material stockpiles being discharged from the premises.</p>	Figures 2 and 3, Schedule 1

Compliance reporting

2. The works approval holder must within 30 calendar days of all infrastructure or equipment required by condition 1 being constructed and/or installed:
 - (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 an authorised representative of the works approval holder 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.
5. The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 1 (as applicable):
 - (a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 3 for that item of infrastructure; or
 - (b) until such time as a licence for that item of infrastructure is granted in accordance with Part V of the *Environmental Protection Act 1986*, if one is granted before the end of the period specified in condition 5(a).

Time limited operations requirements

6. During time limited operations, the works approval holder must ensure that the premises infrastructure and equipment 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.

Table 2: Infrastructure and equipment requirements during time limited operations

Site infrastructure and equipment	Operational requirement	Infrastructure location
Crushing and screening circuit	<ol style="list-style-type: none"> a) The mobile crushing and screening plant must only operate at: <ol style="list-style-type: none"> (i) locations within the clearing boundary specified in Figures 2 and 3; and (ii) <u>locations that are greater than 100 m from heritage sites as identified and defined in the approved Cultural Heritage Management Plan (as indicatively depicted in Figure 6).</u> b) Water systems to be used to minimise dust generation at material transfer points, crusher, and material stockpiles <u>whenever materials are being processed by the crushing and screening plant.</u> c) Chemical dust suppressants or water trucks to be operated on roads and open areas to ensure dust generation is kept to a minimum. d) Stockpiles must not exceed 5 m in height above ground level. 	Figures 2, 3 and 6, Schedule 1

Compliance reporting

7. 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 60 calendar days before the expiration date of the works approval, whichever is the sooner.
8. The works approval holder must ensure the report required by condition 7 includes the following:
 - (a) a summary of the time limited operations, including timeframes and amount of rock excavated and processed;
 - (b) a review of performance and compliance against the conditions of the works approval; and
 - (c) where the manufacturer's design specifications and the conditions of this works approval have not been met, what measures will the works approval holder take to meet them, and what timeframes will be required to implement those measures.

Records and reporting (general)

9. 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.
10. 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; and
 - (c) complaints received under condition 9.
11. The books specified under condition 10 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 3 have the meanings defined.

Table 3: Definitions

Term	Definition
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
Approved Cultural Heritage Management Plan	means the approved Cultural Heritage Management Plan, as specified by Condition 9-2 and 9-4 of Ministerial Statement 1180
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 and/or equipment has been constructed and/or installed 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.
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 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 the map below.

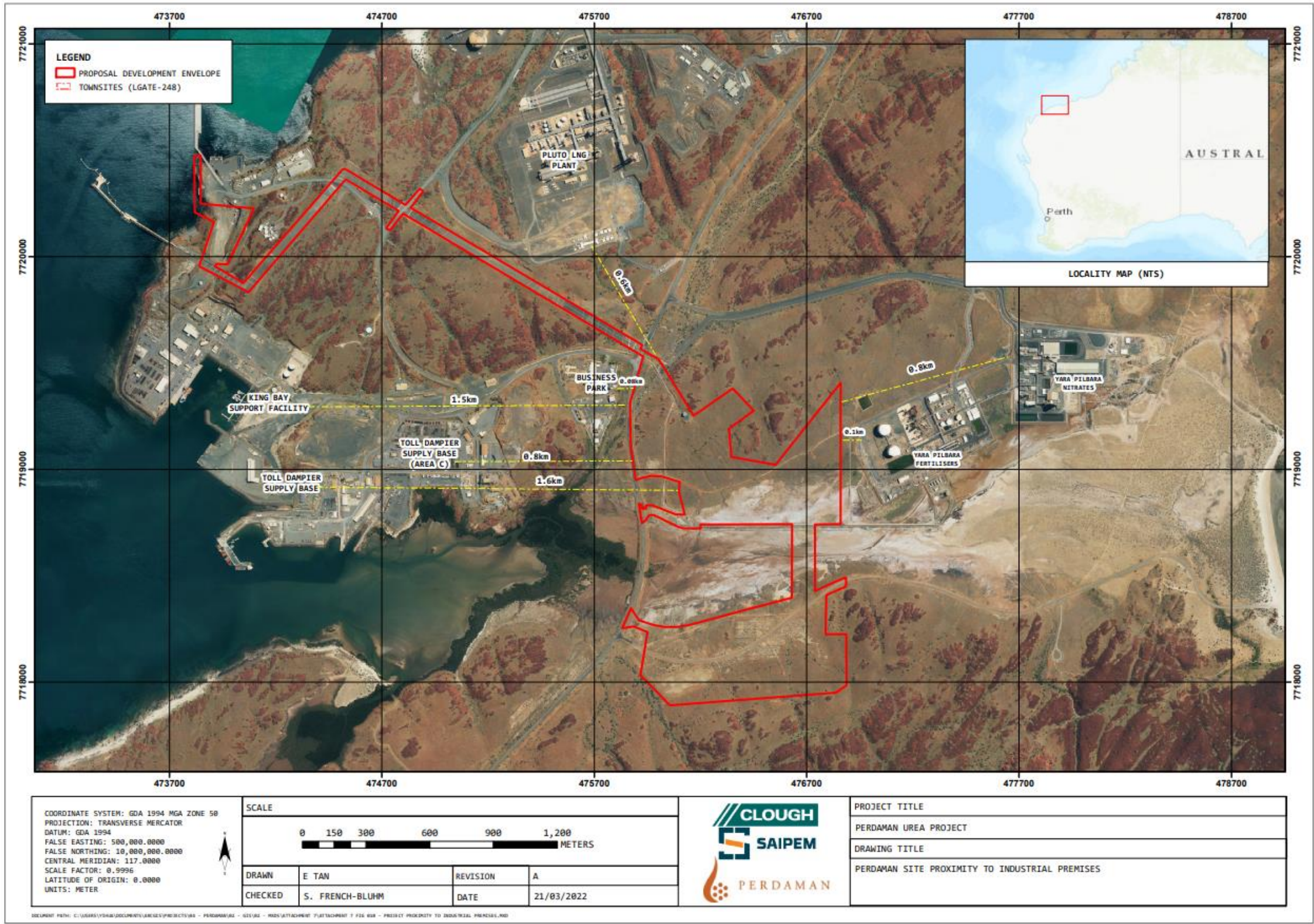


Figure 1: Map of the boundary of the prescribed premises

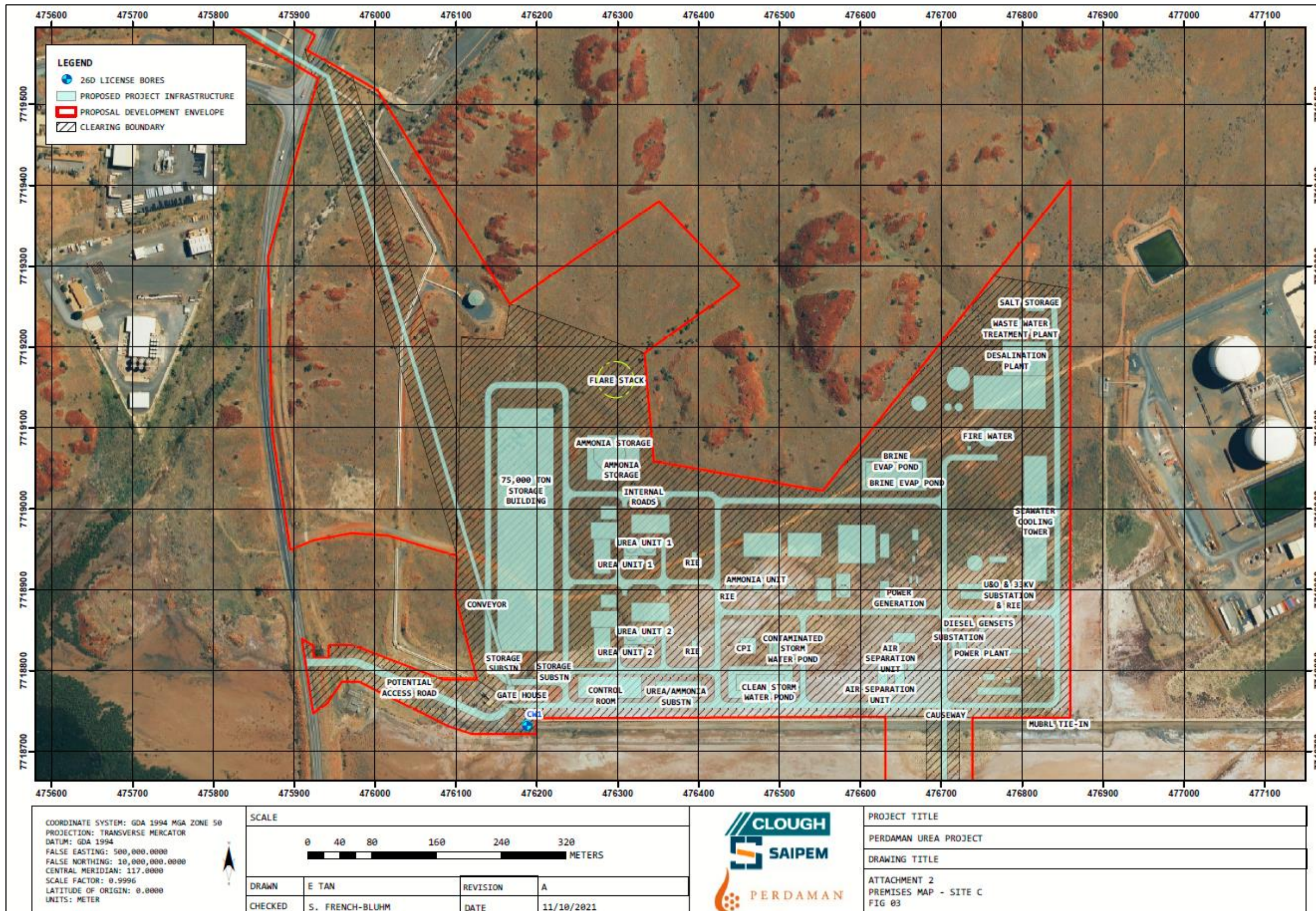


Figure 2: Site C clearing boundary

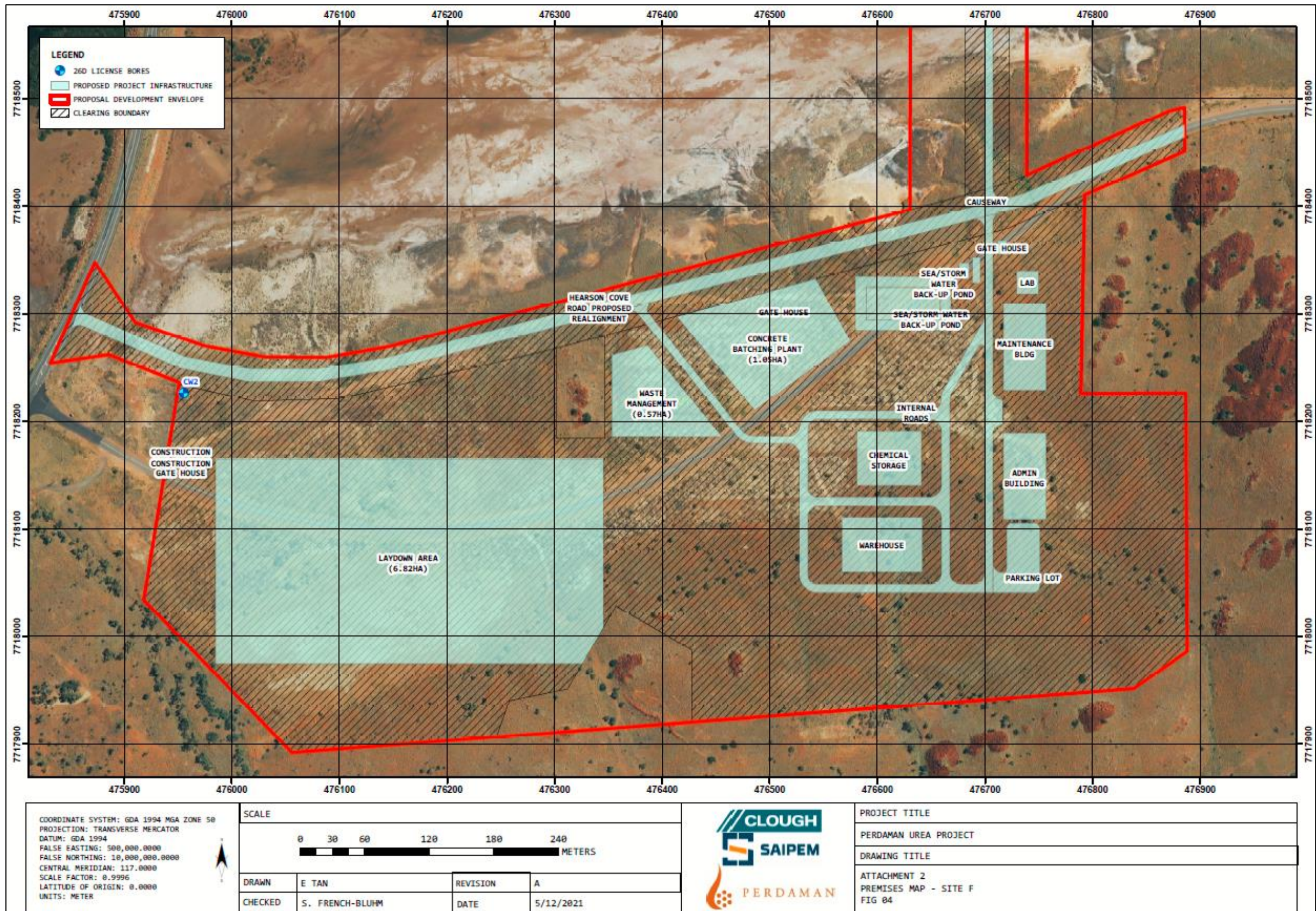


Figure 3: Site F clearing boundary

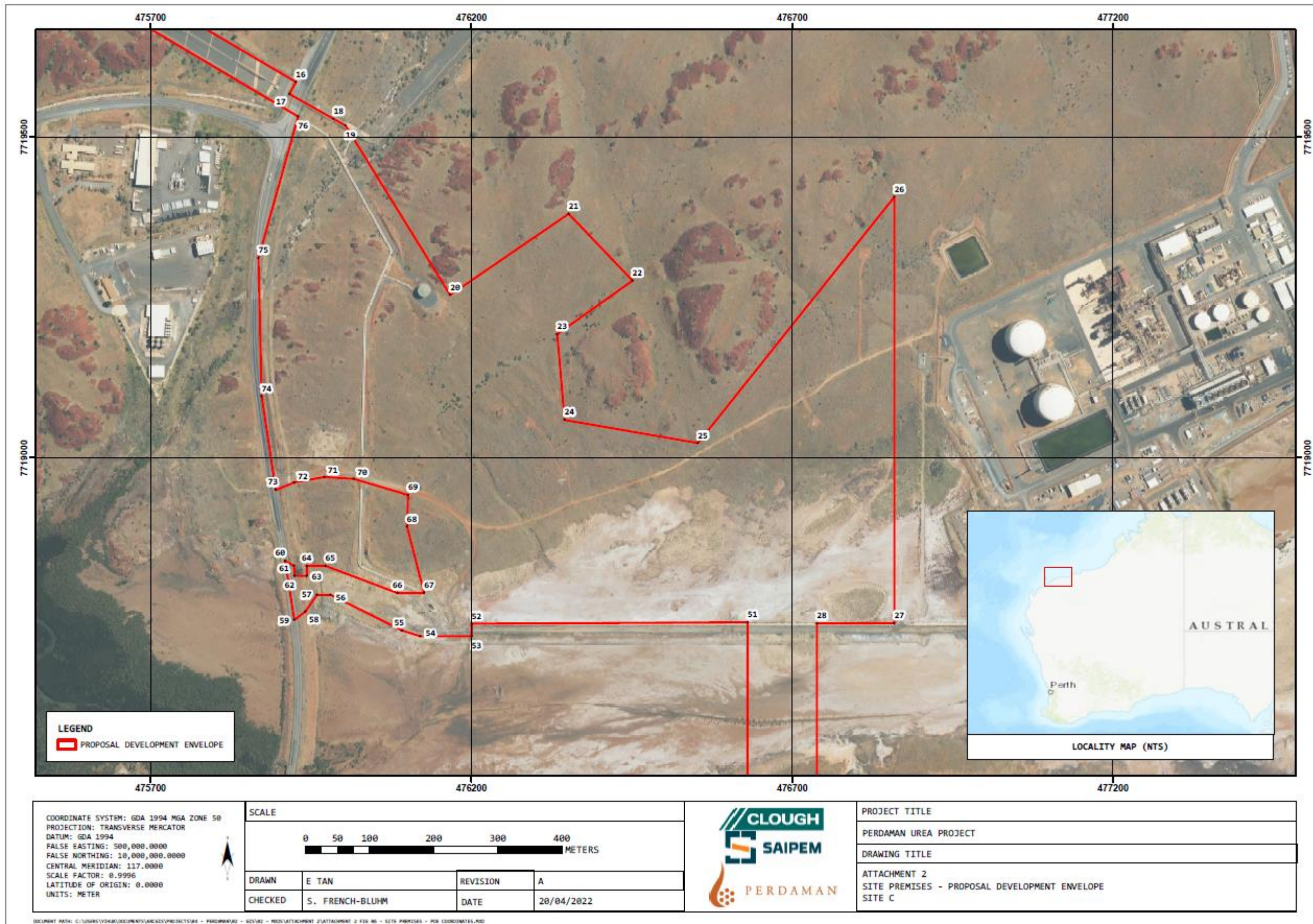


Figure 4: Site C boundary coordinate references

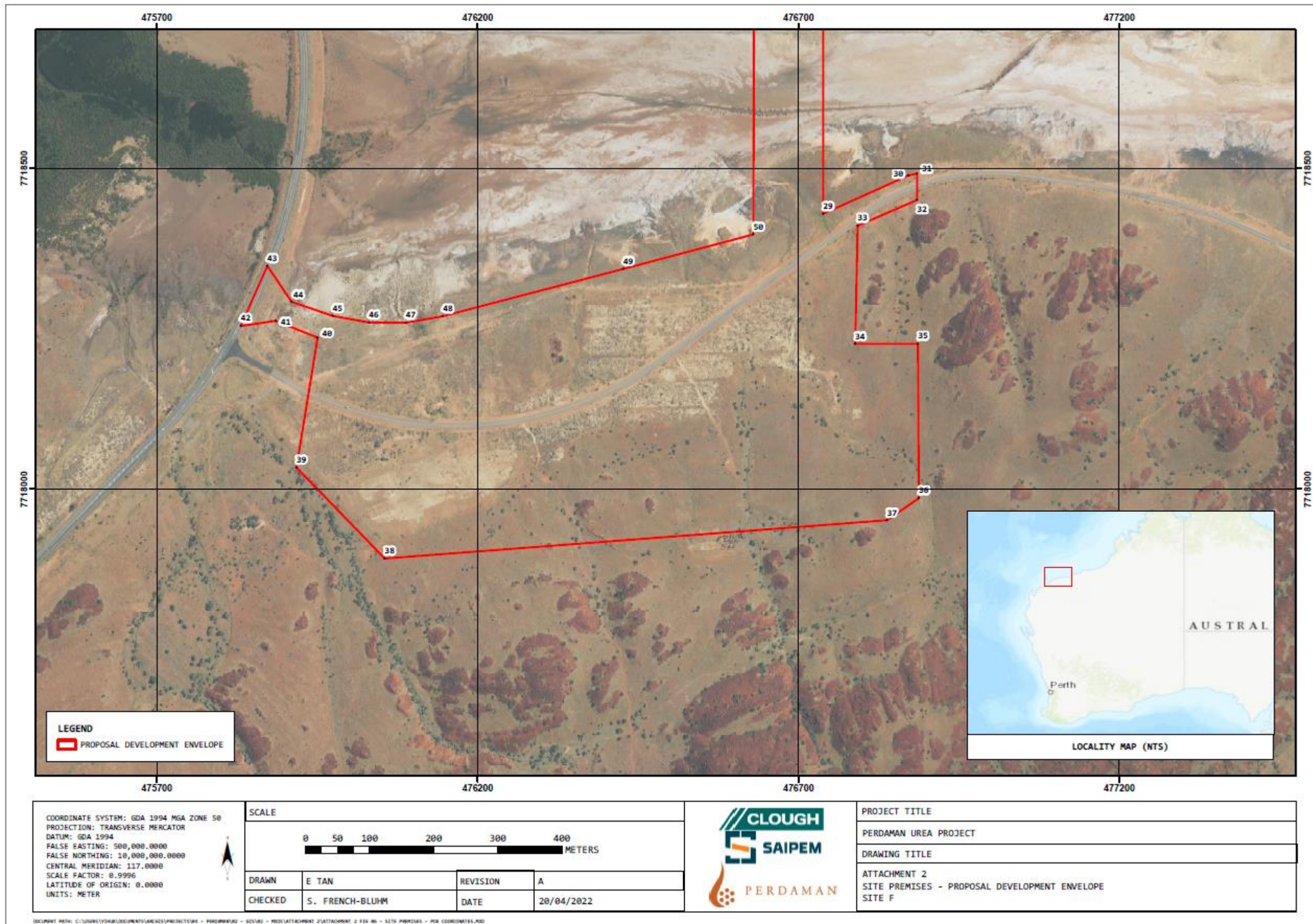


Figure 5: Site F boundary coordinate references

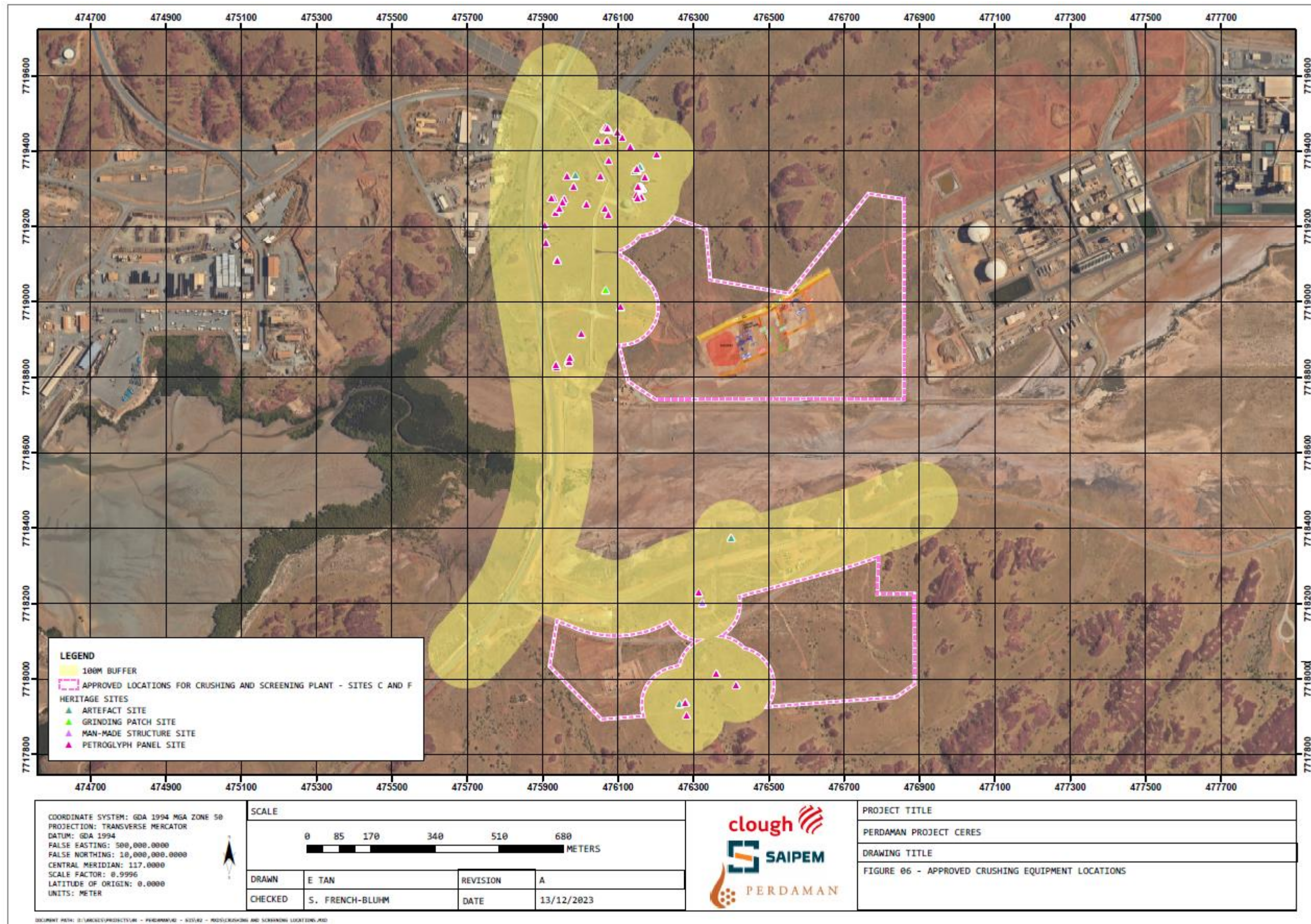


Figure 6: Map displaying buffer from identified heritage sites and public roads, and indicative crushing and screening locations. Heritage locations are defined within the approved Cultural Heritage Management Plan.

Schedule 2: Premises boundary

The premises boundary is defined by the coordinates in Table 4.

Table 4: Premises boundary coordinates

Site C

Object ID	Eastings	Northings
17	475916.259	7719567.13
18	475985.102	7719528.18
19	476003.607	7719517.31
20	476166.892	7719253.51
21	476351.246	7719380.39
22	476450.896	7719276.29
23	476333.451	7719192.65
24	476344.919	7719059.03
25	476553.03	7719022.75
26	476859.09	7719406.64
27	476859.028	7718742.08
28	476738.322	7718741.95
51	476738.322	7718428.88
52	476871.202	7718488.62
53	476885.005	7718491.66
54	476885.21	7718450.77
55	476792.281	7718410.35
56	476788.64	7718226.04
57	476886.284	7718226.27

58	476887.533	7717985.82
59	476837.882	7717951.3
60	476055.261	7717891.8
61	475923.158	7718831.59
62	475924.118	7718816.05
63	475943.012	7718816.05
64	475943.012	7718831.59
65	475972.519	7718831.59
66	476084.79	7718789
67	476126	7718789
68	476099.386	7718892.72
69	476100.958	7718941.9
70	476016.484	7718967.19
71	475970.742	7718970.11
72	475923.778	7718961.41
73	475895.063	7718949.84
74	475872.724	7719095.56
75	475867.783	7719311.19
76	475929.523	7719531.94

Site F

Object ID	Eastings	Northings
29	476738.322	7718428.88
30	476871.202	7718488.62
31	476885.005	7718491.66
32	476885.21	7718450.77
33	476792.281	7718410.35
34	476788.64	7718226.04
35	476886.284	7718226.27
36	476887.533	7717985.82
37	476837.882	7717951.3
38	476055.261	7717891.8
39	475917.435	7718033.74

40	475950.558	7718235.95
41	475885.216	7718262.14
42	475830.655	7718254.09
43	475872.134	7718347.63
44	475909.732	7718291.88
45	475974.071	7718269.9
46	476030.62	7718259.68
47	476088.084	7718259.42
48	476145.59	7718269.29
49	476426.84	7718343.29
50	476629.885	7718396.72