



Works approval number	W6279/2019/1
Works approval holder	Paddington Gold Pty Ltd
ACN	008 585 886
Registered business address	377 Hannan Street KALGOORLIE WA 6430
DWER file number	DER2019/000313
Duration	25/11/2019 to 24/11/2026
Date of issue	25/11/2019
Date of amendment	5/10/2023
Premises details	Enterprise Mine Site Legal description - Part of Mining tenements M24/29, M24/170 and M24/194 ORA BANDA WA 6430 As defined by the coordinates in Schedule 3.

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 5: Processing or beneficiation of metallic or non-metallic ore	650,000 tonnes per annum
Category 6: Mine Dewatering: Premises on which water is extracted and discharged into the environment to allow mining of ore	500,000 tonnes per annum

This amended Works Approval is granted to the Works Approval Holder, subject to the attached conditions, on 5 October 2023, by:

FIONA WESTCOTT
A/MANAGER, RESOURCE INDUSTRIES
REGULATORY SERVICES

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

Definitions and interpretation

Definitions

In this Works Approval, the terms in Table 1 have the meanings defined.

Table 1: 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
Condition	means a condition to which this Works Approval is subject under s.62 of the EP Act.
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.
DWER	Department of Water and Environmental Regulation
Emission	has the same meaning given to that term under the EP Act.
Environmental Commissioning	means the sequence of activities to be undertaken to test equipment integrity and operation, or to determine the environmental performance, of equipment and infrastructure to establish or test a steady state operation and confirm design specifications.
Environmental Commissioning Report	means a report on any commissioning activities that have taken place and a demonstration that they have concluded, with focus on emissions and discharges, waste containment, and other environmental factors.
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.
Environmental Harm	has the same meaning given to that term under the EP Act.
EP Act	means the <i>Environmental Protection Act 1986</i> (WA).
EP Regulations	means the <i>Environmental Protection Regulations 1987</i> (WA).
Inspector	means an inspector appointed by the CEO in accordance with s.88 of the EP Act.
Premises	refers to the premises to which this Works Approval applies, as specified at the front of this Works Approval and as defined by the coordinates in Schedule 3 to this Works Approval.

Term	Definition
Prescribed Premises	has the same meaning given to that term under the EP Act.
Suitably Qualified Persons	Means a person who: (a) Holds a Bachelor of Engineering recognised by the Institute of Engineers, Australia; and (b) Has a minimum of five years' experience working a supervisory area of structural or mechanical engineering.
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	refers to the Works described in Schedule 4, at the locations shown in Schedule 1 of this Works Approval to be carried out at the Premises, subject to the Conditions.
Works Approval	refers to this document, which evidences the grant of the works approval by the CEO under s.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.

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;
 - (iii) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
 - (iv) 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 history

Date	Reference number	Summary of changes
25/11/2019	W6279/2019/1	Works approval granted.
1/09/2021	W6279/2019/1	Works approval amended to extend expiry date to 25/11/2023.
26/07/2022	W6279/2019/1	Works approval amended to: <ul style="list-style-type: none"> Expand the existing Paste Fill Plant envelope to include temporary tailings stockpiles, the final tailings storage stockpile location and turkey's nest; and Expand the Tailings Reclamation area to include the adjacent Tailings Storage Facility cells.
3/10/2023	W6279/2019/1	Works Approval amended to extend the date of expiry to 24/11/2026.

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 install and undertake the Works for the infrastructure and equipment:
 - (a) specified in Column 1;
 - (b) to the requirements specified in Column 2;
 - (c) at the location specified in Column 3of Table 2 below.
2. The Works Approval Holder must not depart from the requirements specified in Column 2 of Table 2 except:
 - (a) where such departure does not increase risks to public health, public amenity or the environment; and
 - (b) all other Conditions in this Works Approval are still satisfied.
3. Subject to Condition 1, within 28 days of the completion of the Works specified in Column 1 of Table 2, the Works Approval Holder must provide to the CEO an environmental compliance report by a suitably qualified and experienced engineer, certifying each item of infrastructure or component of infrastructure specified in Column 1 of Table 2 below has been constructed with no material defects and to the requirements specified in Column 2.
4. Where a departure from the requirements specified in Column 2 of Table 2 occurs and is of a type allowed by Condition 2, the Works Approval Holder must provide to the CEO a description of, and explanation for, the departure along with the certification required by Condition 3.

Table 2: Infrastructure and equipment requirements table

Column 1	Column 2	Column 3
Infrastructure/ Equipment	Requirements (design and construction)	Site plan reference
Pipelines supplying water to paste fill plant	<ul style="list-style-type: none">• Required to meet the following standards:<ul style="list-style-type: none">○ AS/NZS 2033:3008: Installation of polyethylene pipe systems;○ AS/NZS 4129:2008: Fittings for polyethylene (PE) pipes for pressure applications;○ AS/NZS 4130:2009 Polyethylene (PE) pipes for pressure applications; and○ AS/NZS 4131:2010: Polyethylene (PE) compounds for pressure pipes and fittings; and• Be located within a bund sufficiently sized to capture spills from the corresponding length of pipeline.	Pipeline and transport infrastructure as shown in Figure 1 in Schedule 1

Column 1	Column 2	Column 3
Infrastructure/ Equipment	Requirements (design and construction)	Site plan reference
Paste Fill Plant	<ul style="list-style-type: none"> Bunding of the tailings hopper, mixer, tanks, sump and ramp required to be: <ul style="list-style-type: none"> On compacted sub-base. Concrete rated to 20MPa. Concrete 150mm thickness with F26 mesh placed centrally. In trafficable areas the concrete thickness at least 200mm. With retention capacity of at least 120% by volume of the material in the slurry/mixing tank. A pump be installed that has a capacity of 20L/s. Paste plant tailings storage hardstand required to be: <ul style="list-style-type: none"> At least 15,000m² in area. Constructed of natural clay rolled and compacted to a permeability of at least 1×10^{-6} m/s. Graded to facilitate potentially contaminated surface water runoff from storage hardstand area towards collection sump. Design capacity of collection sump to be sized to contain 34,000L. Collection sump to be located within the secondary containment of the compacted clay bund walls. Slope to entry point designed to ensure containment of any runoff water to the sump. Bunded on three sides with walls 2.5m high of compacted clay. Plant hardstand required to be: <ul style="list-style-type: none"> Constructed of natural clay rolled and compacted to a permeability of at least 1×10^{-6} m/s; and Graded to facilitate potentially contaminated surface water runoff from plant hardstand area towards collection sump. Run off water, water storage tank and paste plant pipelines required to be: <ul style="list-style-type: none"> Within secondary containment infrastructure where above ground; and Secondary containment sloped toward 	Paste plant layout design drawing as shown in Figure 3 in Schedule 2 and Paste fill plant layout map as shown in Figure 2 in Schedule 1.

Column 1	Column 2	Column 3
Infrastructure/ Equipment	Requirements (design and construction)	Site plan reference
	<p>a catch pit;</p> <ul style="list-style-type: none"> • Surface water diversion drains to be constructed around the Paste Fill Plant envelope area to ensure uncontaminated stormwater is kept separate from contaminated or potentially contaminated stormwater; and • Installation of dust suppression sprinklers throughout the Paste Fill Plant. 	
Turkeys nest	<ul style="list-style-type: none"> • Construction of a 60m x 60m turkey's nest facility; • Lined with an HDPE liner with a permeability of 1×10^{-9} m/s or less and must be secured around the crest of the dam; • Installation of an egress mat within the pond to allow small fauna to escape; • Installation of a fence line around the perimeter of the facility to prevent stock and native fauna access; • Constructed to provide a 500mm minimum operational freeboard (including an allowance for a 1:100 AEP 72-hour rainfall event) above the normal operating pond; and • Installation of pipelines associated to the dewatering network to be either buried or contained within earthen V-drains. 	Labelled as "Indicative turkey nest location" as depicted in Figure 2 in Schedule 1.

Environmental Commissioning phase

5. The Works Approval Holder must conduct Environmental Commissioning of the paste fill plant for a period not exceeding one month.
6. The Works Approval Holder must submit to the CEO an Environmental Commissioning Report within 30 calendar days of the completion of date of Environmental Commissioning for the paste fill plant as per Condition 5.
7. The Works Approval Holder must ensure the Environmental Commissioning Report required by Condition 6 of this Works Approval includes:
 - (a) a summary of the commissioning activities undertaken, including time frames;
 - (b) any discharges which occur; and
 - (c) a summary of any accidents or malfunctions which may have occurred.

Time limited operations phase

Commencement and duration

8. The Works Approval Holder may only commence time limited operations for an item

of infrastructure identified in condition 10:

- (a) where the item of infrastructure is not authorised to undertake environmental commissioning, the Environmental Compliance Report as required by condition 3 has been submitted by the works approval holder for that item of infrastructure; and
 - (b) where the item of infrastructure is authorised to undertake environmental commissioning under condition 5, the Environmental Commissioning Report for that item of infrastructure as required by condition 6 has been submitted by the works approval holder.
9. The works approval holder may only conduct time limited operations for an item of infrastructure specified in condition 10:
- (a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 8 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*, whichever is sooner.

Time limited operations requirements and emission limits

10. During time limited operations, the Works Approval Holder must ensure that the premises infrastructure and equipment listed in Table 3 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 3.

Table 3: Infrastructure and equipment requirements during time limited operations

Column 1	Column 2	Column 3
Site infrastructure and equipment	Operational requirements	Infrastructure location
Pipelines supplying water to paste fill plant	<ul style="list-style-type: none"> Undertake 12 hourly visual inspections of the pipelines and scour pits to ensure integrity; and Scour pits to be located at strategic locations to reduce potential for overtopping of bunds in the event of a saline water release from the pipeline. 	Pipeline and transport infrastructure as shown in Figure 1 in Schedule 1.
Paste Fill Plant	<ul style="list-style-type: none"> Maintain the bund capacity around the tailings hopper, mixer, tanks, sump and ramp such that sludge and runoff water is periodically removed to ensure a retention capacity equalling at least 120% by volume of the material in the slurry/mixing tank; Dust suppression sprays must be operated throughout the plant to minimise dust generation; and 	Paste plant layout design drawing as shown in Figure 3 in Schedule 2 and Paste fill plant layout map as shown in Figure 2 in Schedule 1.

Column 1	Column 2	Column 3
Site infrastructure and equipment	Operational requirements	Infrastructure location
	<ul style="list-style-type: none"> Ensure that no visible dust generated by the activities on the Premises crosses the boundary of the Premises. 	
Tailings stockpile material	<ul style="list-style-type: none"> No screening activities of tailings to be undertaken during periods of high winds if dust is observed leaving the Prescribed Premises boundary; Dust suppression sprays must be operated throughout the plant to control levels of fugitive dust lift off from screened tailings material stockpiles; Trucks containing dry tailings material must ensure loads are covered when transporting material from the tailings reclamation area to the tailings stockpile area in the Paste fill plant envelope or prior to leaving the Premises to ensure tailings dust is contained; and Tailings stockpile areas to be bunded to minimise windborne dust crossing the Premises boundary. 	Labelled as “Primary Tailings Stockpile” and “Indicative Secondary Stockpile Placement” as depicted in Figure 2 in Schedule 1.
Water Cart	<ul style="list-style-type: none"> Water cart must be available at all times at the Premises during operation phase to manage dust emissions in and around the plant area, tailings stockpile areas and tailings haulage route. 	Within the Prescribed Premises boundary depicted in Figure 1 of Schedule 1.
Stormwater Management Infrastructure	<ul style="list-style-type: none"> Potentially contaminated stormwater to be captured and prevented from being released in the environment; Ensure that uncontaminated stormwater is kept separate from contaminated or potentially contaminated stormwater; Collection sumps located in Paste Fill Plant envelope to be regularly inspected and maintained by the removal of excess sediment for potential reuse in the Paste Fill Plant or returned to excavated areas at Gimlet South to prevent overflowing of contaminated stormwater; Undertake 12 hourly visual inspections of the collection sumps to ensure integrity. 	Located within the area labelled “Paste Fill Plant and Associated Infrastructure” as shown in Figure 1 in Schedule 1.

Compliance reporting

11. 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 90 calendar days before the expiration date of the works approval, whichever is the sooner.
12. The Works Approval Holder must ensure the report required by condition 11 includes the following:
 - (a) a summary of the time limited operations, including timeframes and amount of tailings material processed through the paste fill plant;
 - (b) a summary of the environmental performance of all infrastructure as constructed or installed (as applicable), which includes records detailing the:
 - (i) Paste fill plant;
 - (ii) Pipelines supplying water to Paste Fill plant;
 - (iii) Dust suppression system at Paste Fill Plant; and
 - (iv) Stormwater management infrastructure at Paste Fill Plant envelope.
 - (c) a review of performance and compliance against the conditions of the works approval and the Environmental Commissioning Report; and
 - (d) 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)

13. 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:
 - (e) the name and contact details of the complainant, (if provided);
 - (f) the time and date of the complaint;
 - (g) the complete details of the complaint and any other concerns or other issues raised; and
 - (h) the complete details and dates of any action taken by the works approval holder to investigate or respond to any complaint.
 - (i) be available to be produced to an inspector or the CEO as required.
14. 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 this works approval;
 - (c) complaints received under condition 13.

- 15.** The books specified under condition 14 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.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the Prescribed Premises is depicted by the dashed yellow line labelled 'W6279 Prescribed Premises boundary' as shown in the map below (Figure 1).

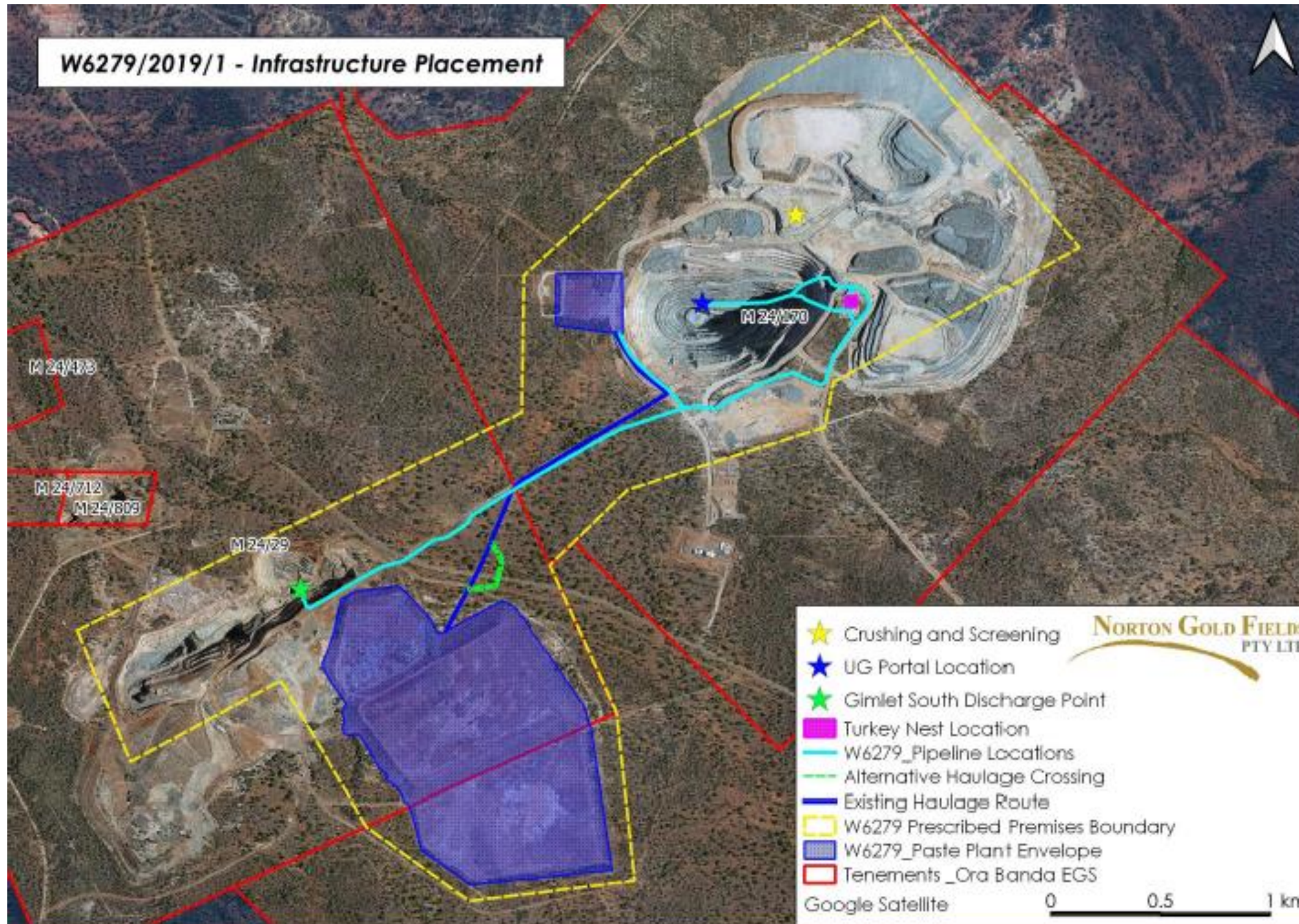


Figure 1: Prescribed Premises Map of the boundary of the prescribed premises showing infrastructure layout

Paste Fill Plant layout map

The layout of the Paste fill plant expanded envelope is shown in the map below (Figure 2).

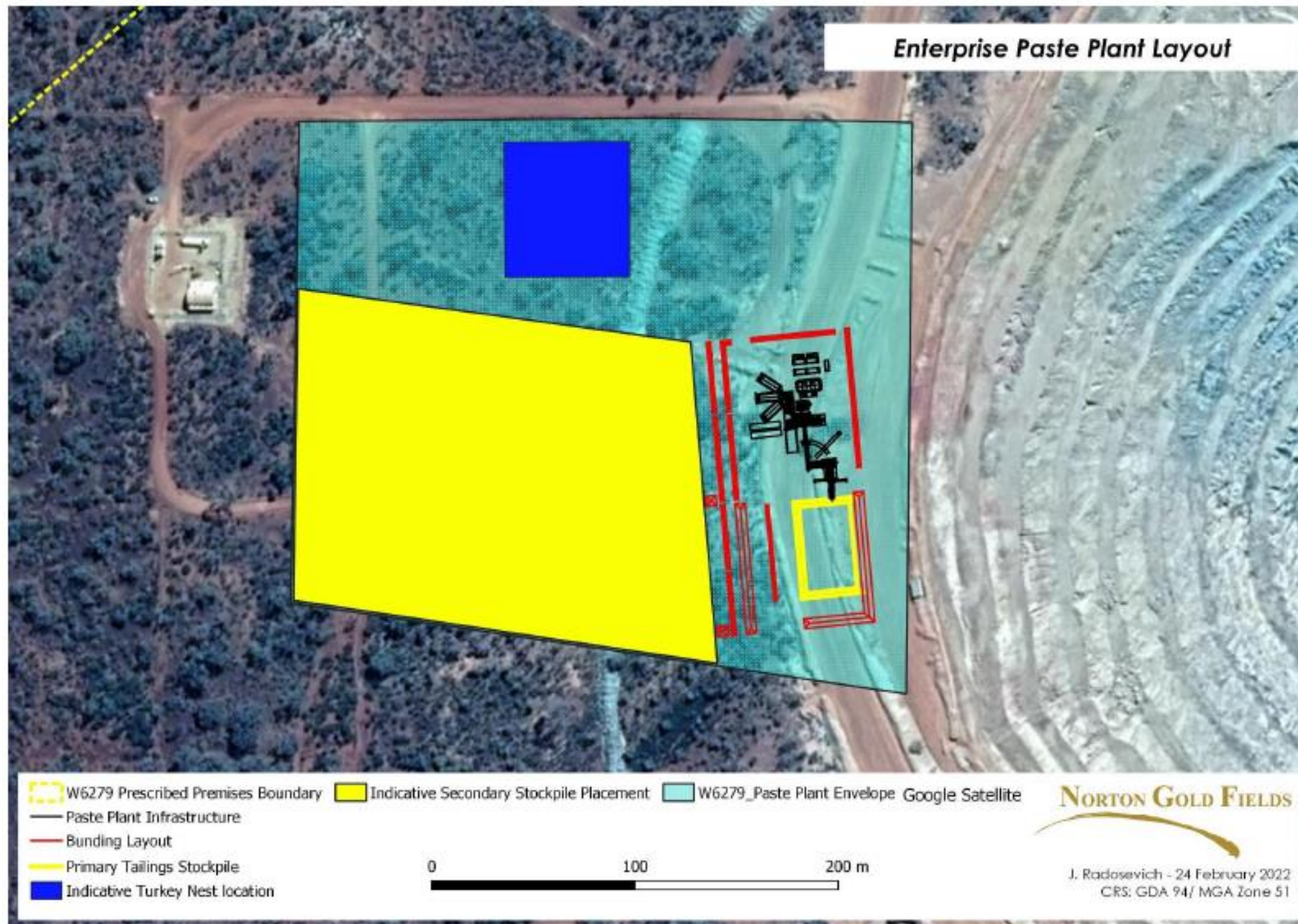


Figure 2: Layout of Paste fill Plant expanded envelope and infrastructure locations

Schedule 2: Design drawings

Paste fill Plant

The layout of the paste fill plant operation is shown in the map below (Figure 3).

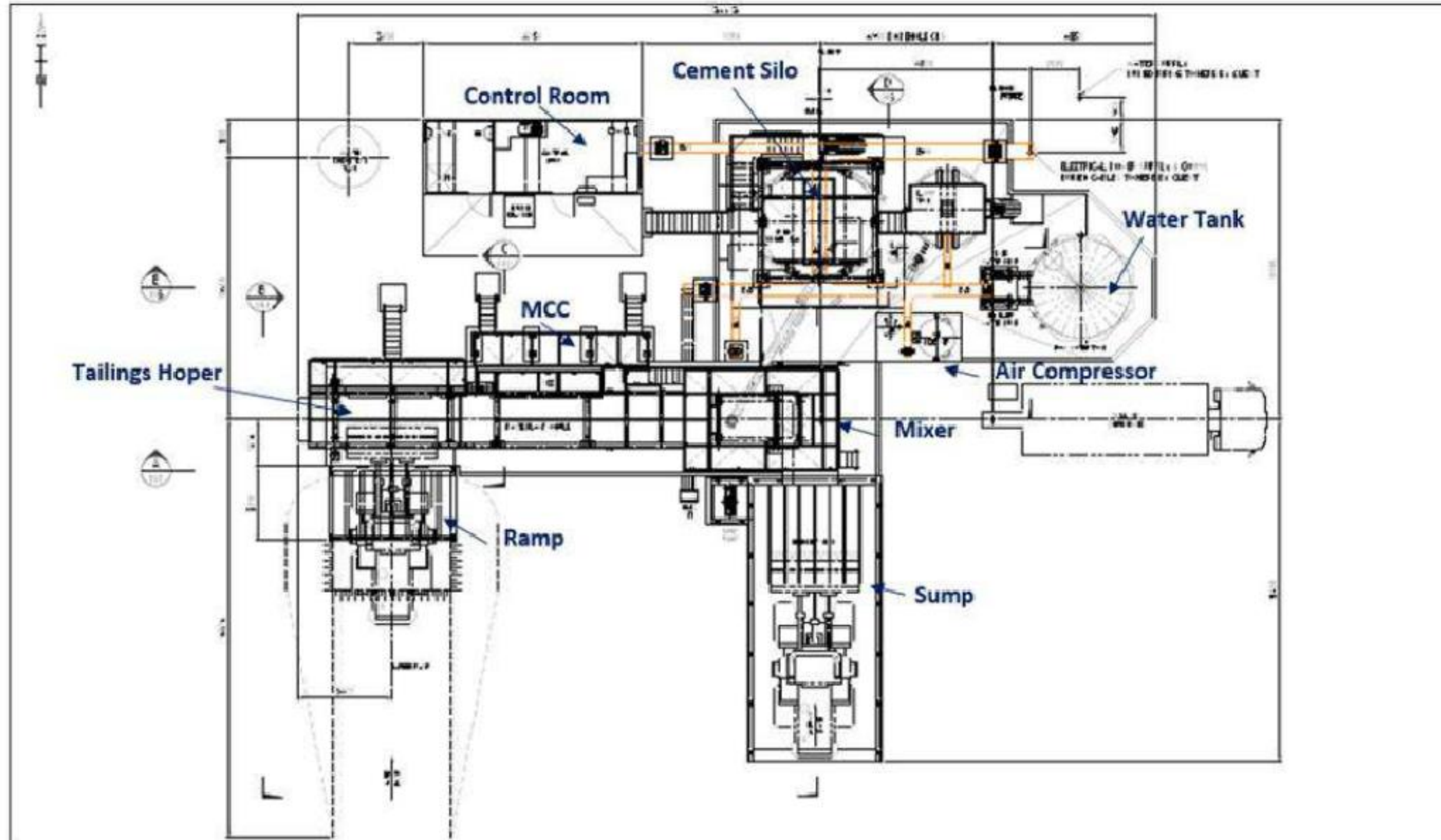


Figure 3: Paste fill plant layout

Schedule 3: Premises boundary

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

Table 4: Premises boundary coordinates

Easting	Northing
313116.08	6636968.72
315145.31	6637960.15
315155.12	6638586.34
315739.29	6639115.66
316795.19	6639760.17
317683.79	6638712.50
316567.55	6638098.16
316530.63	6637895.30
315627.47	6637608.69
315273.13	6637265.25
315577.46	6636594.47
315660.09	6635833.99
314905.87	6635741.42
314436.68	6636078.19
314045.25	6636740.54
313359.12	6636370.37

Schedule 4: Works

At the time of assessment, Emissions and Discharges from the Works listed in Table-5 were considered in the determination of the risk and related Conditions for the Works Approval.

Table 5: Authorised Works

Works	Specifications/Drawings
Construction of paste fill plant with hardstand and bunding	Figure 3 of Schedule 2
Construction of hardstand for tailings stockpiles, stormwater management infrastructure and turkeys' nest within expanded paste fill plant envelope	Figure 2 of Schedule 1

Site layout

The infrastructure and equipment are set out on the Premises in accordance with the site layout specified on the Premises map in Schedule 1.