Government of Western Australia
Department of Water and Environmental Regulation

Works Approval

Works approval number	W3132/2025/1
Works approval holder	Process Minerals International Pty Ltd
ACN	063 988 984
Registered business address	20 Walters Drive OSBORNE PARK WA 6017
DWER file number	INS-0003132
Duration	17/12/2025 to 16/12/2030
Date of issue	17/12/2025
Premises details	Lamb Creek Iron Ore Mine Great Northern Highway NEWMAN WA 6753 Legal description - Tenements L47/1008 and M47/1592

Prescribed premises category description (Schedule 1, *Environmental Protection Regulations 1987*)	**Assessed production / design capacity**
Category 5: Processing or beneficiation of metallic or non-metallic ore: premises on which — (a) metallic or non-metallic ore is crushed, ground, milled or otherwise processed; or (b) tailings from metallic or non-metallic ore are reprocessed; or (c) tailings or residue from metallic or non-metallic ore are discharged into a containment cell or dam	19 000 000 tonnes per year
Category 6: Mine dewatering: premises on which water is extracted and discharged into the environment to allow mining of ore.	950 000 tonnes per year
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.	9 000 000 tonnes per year
Category 54: Sewage facility: premises — (a) on which sewage is treated (excluding septic tanks); or (b) from which treated sewage is discharged onto land or into waters	100 m^3 per day of sewage (plus up to 25m^3/day of RO backwash)

This works approval is granted to the works approval holder, subject to the attached conditions, on 17 December 2025, by:

Sonya Poor
Digitally signed by Sonya Poor
Date: 2025.12.17 08:44:33 +08'00'

MANAGER, RESOURCE INDUSTRIES

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

Works approval history

Date	Reference number	Summary of changes
17/12/2025	W3132/2025/1	Works approval granted.

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,

as set out in Table 1.

Table 1: Design and construction / installation requirements

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	Fixed modular processing plant comprising: a) ROM Pad b) primary crusher c) secondary crusher d) screens e) conveyers f) product stockpiles and mobile stackers g) sediment pond	a) Plant capacity of 10 Mtpa with: i. water sprays installed and tested at ROM bins and key transfer points ii. water sprays installed and tested in conveyor head chutes iii. stormwater management infrastructure constructed to prevent stormwater from entering the processing area iv. grading or bunding such that stormwater from within the processing area is contained and diverted to a sedimentation pond capable of storing at least a 10% Annual Exceedance Probability (AEP) event. b) A water cart must be available during construction and used as required to minimise dust emissions. c) All light sources must be designed and positioned to minimise light pollution outside the plant area.	Within the premises boundary – approximate location shown as 'process plant area' in Schedule 1, Figure 2.
2.	Tertiary crushing and screening circuit (if required)		
3.	Mobile crushing and screening (MCS) plants[1] Including ROM pads, and product stockpiles	a) Combined capacity of mobile crushing and screening plants on the premises to not exceed 9 Mtpa. b) Water sprays installed and tested as per manufacturers' recommendations. c) A water cart must be available during construction and used as required to minimise dust emissions. d) Stormwater management infrastructure constructed to prevent stormwater from entering the crushing or stockpile area. e) Grading, diversions or bunding established	Within the premises boundary

<table>
<tr><th></th><th>Infrastructure</th><th>Design and construction / installation requirements</th><th>Infrastructure location</th></tr>
<tr><td></td><td></td><td>around the MCS working areas to divert stormwater away from working areas.
f) All light sources must be designed and positioned to minimise light pollution outside the plant area.</td><td></td></tr>
<tr><td>4.</td><td>Mine dewater storage facilities[1] and mine dewater pipelines</td><td>Lined or unlined mine water storage dams to:
a) Have a level and compacted base (98% Modified Maximum Dry Density (MMDD)).
b) Have earthen walls to maximum height of 5 m (+0.5 m freeboard).
c) Have a water level control system.
a) Have a contingency spillway constructed with scour controls consistent with the design in Figure 4, which must be within surface water controls and report to a sedimentation pond.
d) Have fauna egress matting installed.
Water storage bladders to:
e) Be located on cleared, level area compacted to 98% MMDD.
f) Be constructed of flexible woven technical fabric construction, UV stabilised.
g) Have integrated inlet and outlet connections.
Pipelines from the mine area to the mine storages, and between storages.[2]</td><td>Within the premises boundary – indicative locations shown in Schedule 1, Figure 2.</td></tr>
<tr><td>5.</td><td>Stormwater sedimentation ponds</td><td>a) Have a level and compacted base (98% MMDD).
b) Contingency spillways constructed with scour controls consistent with the design in Figure 4.</td><td>Within the premises boundary – indicative locations shown in Schedule 1, Figure 2.</td></tr>
<tr><td>6.</td><td>Wastewater treatment plant (WWTP) and wastewater pipeline</td><td>a) Sequence batch reactor (SBR) containerised modular system:
i. Installed on compacted selected fill
ii. With capacity for up to 100 m^3/day sewage input (2 x 50 m^3/day units, or 1 x 75 m^3/day unit) and up to 25 kL/day of reverse osmosis backwash waste
iii. Able to treat sewage to the following output emissions standards:
<table>
<tr><td>BOD</td><td><20 mg/L</td></tr>
<tr><td>TSS</td><td><30 mg/L</td></tr>
<tr><td>Total Nitrogen</td><td><30 mg/L</td></tr>
<tr><td>Total Phosphorous</td><td><8 mg/L</td></tr>
</table></td><td>Shown as ‘wastewater treatment plant’ in Schedule 1, Figure 2.</td></tr>
</table>

	Infrastructure	Design and construction / installation requirements	Infrastructure location
		<table><tr><td>E. Coli</td><td><1,000 cfu/100 mL</td></tr><tr><td>Residual chlorine</td><td>0.2 - 2.0 mg/L</td></tr></table> b) A raw sewage balance tank and treated effluent / irrigation tank, installed on compacted selected fill. c) Incorporates systems to monitor tank volume levels, and visual and audible alarms for high levels or pump failures. d) Stormwater must be prevented from entering the sewage treatment system and storage infrastructure. e) Chemical storage areas must be bunded with a containment capacity equivalent to 110% of the capacity of any tank and 25% of the total capacity of an interlinked system. f) Bunded areas must be inspected regularly to ensure capacity is maintained.	
7.	Treated wastewater spray field	a) Minimum irrigation area of i. 2.19 ha if installed plant has capacity of 75 m^3/day; or ii. 2.76 ha if installed plant has capacity of 100 m^3/day plant. b) Minimum 5 m spray drift buffer around the irrigation area. c) Signposted and fenced to prevent access. d) Volumetric flow meters installed. e) Pipeline to irrigation area constructed to manufacturer's specifications. f) Designed such that run-off, spray drift or other discharge will not occur beyond the fenced area.	Shown as 'Sprayfield' in Schedule 1, Figure 2.

Note 1: Each new MCS plant, and each mine water storage is considered a separate item of infrastructure.

Note 2: Pipelines are authorised for construction, but as no controls are specified there is no need to submit compliance reports.

Compliance reporting

2. The works approval holder must within 30 calendar days of an item of infrastructure 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 a suitably qualified 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.

Environmental commissioning phase

Environmental commissioning requirements and emission limits

4. The works approval holder may only commence environmental commissioning of an item of infrastructure listed in condition 5 once the Environmental Compliance Report has been submitted for that item of infrastructure in accordance with condition 2 and 3 of this works approval.

5. Any environmental commissioning activities undertaken for an item of infrastructure specified in Table 2 may only be carried out:

(a) in accordance with the corresponding commissioning requirements; and

(b) for the corresponding authorised commissioning duration.

Table 2: Environmental commissioning requirements

Infrastructure	Commissioning requirements	Authorised commissioning duration
Wastewater treatment plant (WWTP)	a) Tanks must be water-tested with raw water before addition of wastewater. b) Volumetric flow meters must be maintained on each outlet to the irrigation spray field. c) WWTP must be maintained and operated in accordance with the requirements as specified in condition 1.	For a period not exceeding 180 calendar days in aggregate.
Treated wastewater spray field	a) Must be maintained and operated in accordance with the requirements specified in condition 1. b) Irrigation must be managed to prevent ponding and pooling of effluent on the ground surface of the irrigation spray field. c) No run-off, spray drift or other discharge shall beyond the fenced area	

6. During environmental commissioning, the works approval holder must ensure that the emission specified in Table 3, are discharged only from the corresponding discharge point and only at the corresponding discharge point location(s).

Table 3: Authorised discharge points during commissioning

	Emission	Discharge point	Discharge point location
1.	Treated effluent, mixed with reverse osmosis plant backwash and brine	Irrigation spray field	As shown in Schedule 1, Figure 2: General site layout.

Monitoring during environmental commissioning

7. The works approval holder must monitor emissions during environmental commissioning in accordance with Table 4.

Table 4: Emissions and discharge monitoring during environmental commissioning

Discharge point	Parameter	Target	Frequency	Averaging Period	Method
Irrigation spray field (sample taken after mixing with RO brine)	Volume discharged to irrigation spray field[1]	-	Continuous	24 hours	Flow metering device
	Biological Oxygen Demand (BOD)	<20 mg/L	Each monthly period	Spot sample	AS/NZS 5667.1 AS/NZS 5667.10
	Sodium absorption ratio (SAR)	–			
	Electrical Conductivity (EC)[1]	-			
	E. Coli[1]	<1,000 cfu/100 mL			
	Total suspended solids (TSS)	<30 mg/L	Each weekly period		
	Total Dissolved Solids (TDS)	<2,500 mg/L			
	Total nitrogen (TN)	<30 mg/L			
	Total phosphorous (TP)	<8 mg/L			
	Residual chlorine[1]	< 2.0 mg/L	Daily		
	pH[1]	Between 6.5 and 8.5			
Irrigation spray field	Vegetation health (qualitive)	No reduction in health of native vegetation	Each monthly period	-	Photos showing vegetation health at two photo monitoring points

Discharge point	Parameter	Target	Frequency	Averaging Period	Method
					within the spray field

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

8. The works approval holder must record the results of all monitoring activity required by condition 7.

9. The works approval holder must submit to the CEO an Environmental Commissioning Report within 30 calendar days of the completion date of environmental commissioning for each item of infrastructure specified in Table 2.

10. The works approval holder must ensure the Environmental Commissioning Report required by condition 9 of this works approval includes the following:

(a) a summary of the environmental commissioning activities undertaken, including timeframes and volume of sewage and backwash processed and brine added;

(b) the monitoring results recorded in accordance with condition 7;

(c) a summary of the environmental performance of each item of infrastructure as constructed;

(d) a review of the works approval holder's performance and compliance against the conditions of this works approval; and

(e) where they have not been met, measures proposed to meet the manufacturer's design specifications and the conditions of this works approval, together with timeframes for implementing the proposed measures.

Time limited operations phase

Commencement and duration

11. The works approval holder may only commence time limited operations for an item of infrastructure identified in condition 1:

(a) where the item of infrastructure is not authorised to undertake environmental commissioning, the Environmental Compliance Report as required by condition 2 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 9 and 10 has been submitted by the works approval holder.

12. The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 13 (as applicable):

(a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 11 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 12(a).

Time limited operations requirements and emission limits

13. During time limited operations, the works approval holder must ensure that the premises infrastructure and equipment listed in Table 5 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 5.

Table 5: Infrastructure and equipment requirements during time limited operations

	Site infrastructure and equipment	Operational requirement	Infrastructure location
1.	Fixed modular processing plant (including tertiary circuit if operational)	a) Water sprays on equipment and water carts must be utilised as needed to minimise dust emissions. b) Stormwater must be prevented from entering the processing or stockpile areas, and incident rainfall within the area must be diverted to a sedimentation pond. c) Light sources must be designed and positioned to minimise light pollution outside the plant area.	Within the premises boundary – approximate location shown as 'process plant area' in Schedule 1, Figure 2.
2.	Mobile crushing and screening (MCS) plants	a) Potentially acid forming (PAF) material management measures must be implemented, and PAF material must not be brought into the crushing area. b) Water sprays and water carts must be utilised as needed to minimise dust emissions. c) Grading, diversions or bunding must be established around the MCS working areas to divert stormwater away from working areas. d) All light sources must be designed and positioned to minimise light pollution outside the plant area.	Within the premises boundary – indicative locations shown in Schedule 1, Figure 2.
3.	Mine dewater storage dams and bladders, and mine dewater pipelines	Mine water dams must maintain a minimum operational freeboard of 500 mm.	Within the premises boundary – indicative locations shown in Schedule 1, Figure 2.
4.	Mine water contingency discharge points (spillways on settlement ponds)	a) Only to be used in extreme whether events where storage is insufficient. b) Daily inspection of sedimentation ponds to monitor available freeboard during rainfall events or if overflowing.	Overflow points on Settlement ponds, indicative locations shown in Figure 3.
5.	Wastewater treatment plant (WWTP)	a) Operated in accordance with manufacturer's instructions. b) Light sources must be designed and	Shown as 'wastewater treatment plant' in

	Site infrastructure and equipment	Operational requirement	Infrastructure location
		positioned to minimise light pollution outside the plant area.	Schedule 1, Figure 2.
6.	Irrigation spray field	a) Maintained and operated in accordance with the requirements specified in condition 1. b) Irrigation must be managed to prevent ponding and pooling of effluent on the ground surface of the irrigation spray field. c) No run-off, spray drift or other discharge shall occur beyond the fenced area.	Shown as 'Sprayfield' in Schedule 1, Figure 2.

14. During time limited operations, the works approval holder must ensure that the emission(s) specified in Table 6, are discharged only from the corresponding discharge point(s) and only at the corresponding discharge point location(s).

Table 6: Authorised discharge points during time limited operations

	Emission	Discharge point	Discharge point location
1.	Treated effluent, mixed with reverse osmosis plant backwash and brine	Irrigation spray field	As shown in Schedule 1, Figure 2.
2.	Surplus water discharge	Contingency water discharge points	Engineered spillways on settlement ponds - indicative locations shown in Figure 3.

Monitoring during time limited operations

15. The works approval holder must monitor emissions during time limited operations in accordance with Table 7.

Table 7: Emissions and discharge monitoring during time limited operations

Discharge point	Parameter	Limit	Frequency	Averaging Period	Method
Irrigation spray field (sample taken after mixing with RO brine)	Volume discharged to irrigation spray field[1]	-	Continuous	24 hours	Flow metering device
	Biological Oxygen Demand (BOD)	<20 mg/L	Each monthly period	Spot sample	AS/NZS 5667.1 AS/NZS 5667.10
	Sodium absorption ratio (SAR)	-			
	Electrical Conductivity (EC)	-			

Discharge point	Parameter	Limit	Frequency	Averaging Period	Method
	E. Coli[1]	<1,000 cfu/100 mL			
	Total suspended solids (TSS)	<30 mg/L			
	Total Dissolved Solids (TDS)	<2,500 mg/L			
	Total nitrogen (TN)	<30 mg/L			
	Total phosphorous (TP)	<8 mg/L			
	Residual chlorine[1]	< 2.0 mg/L	Daily		
	pH[1]	Between 6.5 and 8.5			
Irrigation spray field	Native vegetation health (qualitive)	No reduction in health	Each monthly period	-	Photos showing vegetation health at two photo monitoring points within the spray field
Each sedimentation pond contingency spillway shown in Figure 3.	Discharge status (flow / no flow)		During rainfall events or while discharges are occurring	Daily	Not specified
	pH[1], EC[1], TDS[1]	-	On the first day of each discharge, then weekly whilst discharging	Spot sample	AS/NZS 5667.1 AS/NZS 5667.10
	EC, TDS, TSS	-	Monthly while discharging	Spot sample	

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

16. The works approval holder must record the results of all monitoring activity required by condition 15.

Compliance reporting

17. 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.

18. The works approval holder must ensure the report required by condition 17 includes the following:

(a) a summary of the time limited operations, including timeframes and amount of materials processed;

(b) a summary of results obtained during time limited operations under condition 15.

(c) a summary of the environmental performance of all infrastructure as constructed or installed;

(d) a review of performance and compliance against the conditions of the works approval; and

(e) 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.

Monitoring General

19. The licence holder must ensure that:

(a) monitoring is undertaken in each weekly period such that there are at least 4 days in between the days on which samples are taken in successive weeks; and

(b) monitoring is undertaken in each monthly period such that there are at least 15 days in between the days on which samples are taken in successive months.

20. All sample analysis must be undertaken by laboratories with current accreditation from the National Association of Testing Authorities (NATA) for the relevant parameters, unless otherwise specified.

Records and reporting (general)

21. 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.

22. 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 13;

(c) monitoring programmes undertaken in accordance with conditions 7 and 15; and

(d) complaints received under condition 21.

23. The books specified under condition 22 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 8 have the meanings defined.

Table 8: Definitions

Term	Definition
approved form	the AACR Form template approved by the CEO for use and available via DWER's external website.
books	has the same meaning given to that term under the EP Act.
calendar days	All days, including weekends and public holidays.
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the *Environmental Protection Act 1986* Locked Bag 10 Joondalup DC WA 6919 info@dwer.wa.gov.au
condition	a condition to which this works approval is subject under section 62 of the EP Act.
department	means the department established under section 35 of the *Public Sector Management Act 1994* 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 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.
EP Act	*Environmental Protection Act 1986* (WA).
EP Regulations	*Environmental Protection Regulations 1987* (WA).
monthly period	means a one-month period commencing from the first day of a calendar month until last day of that same month, inclusive.
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.

Term	Definition
prescribed premises	has the same meaning given to that term under the EP Act.
Suitably qualified engineer	means a person who: (a) holds a Bachelor of Engineering or higher degree recognised by Engineers Australia; and (b) has a minimum of five years of engineering experience including with infrastructure similar to that being signed off on.
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.
weekly period	means a seven-day period commencing from the Monday until the Sunday of the following week, inclusive.
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**).

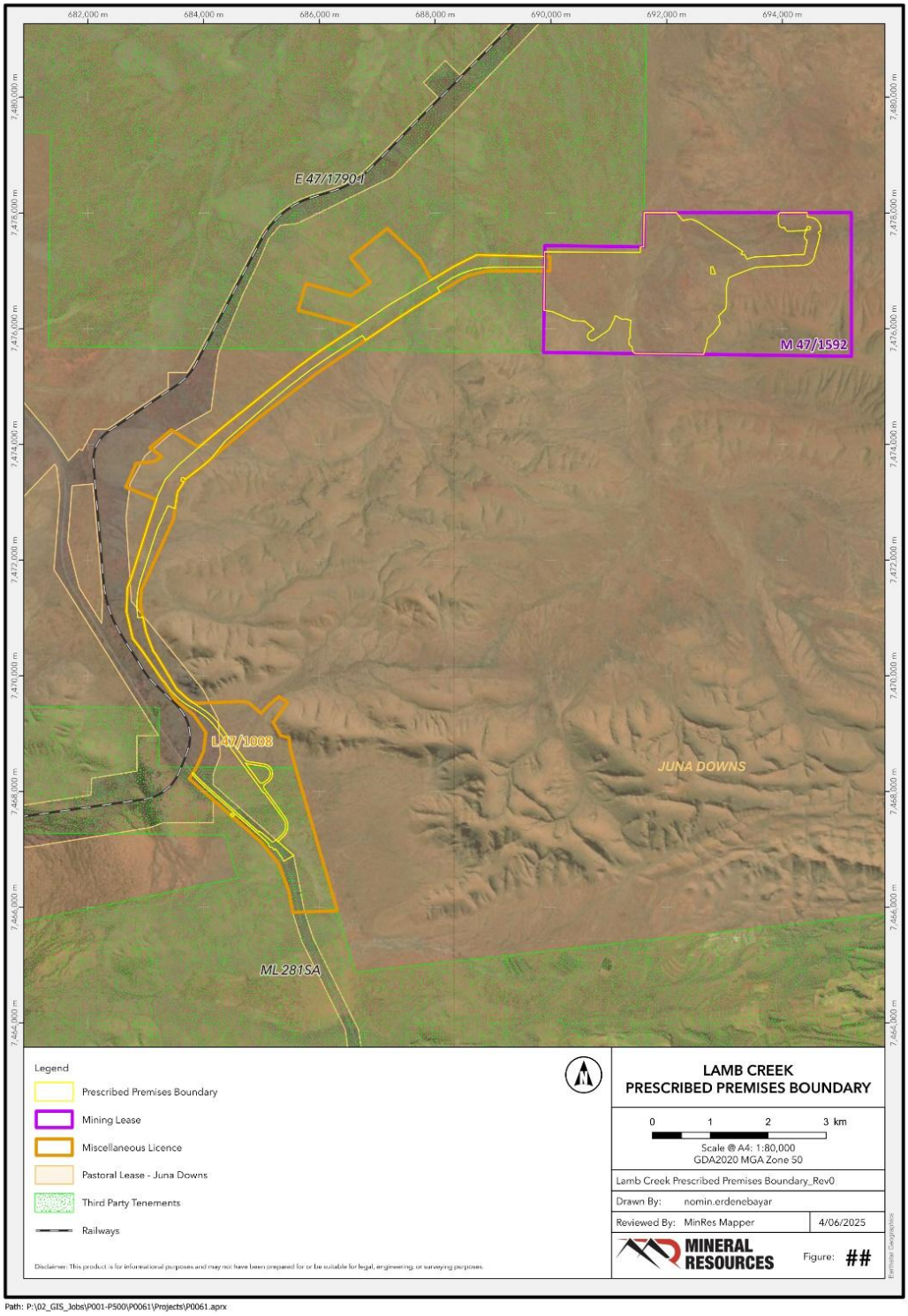

Figure 1: Map of the boundary of the prescribed premises

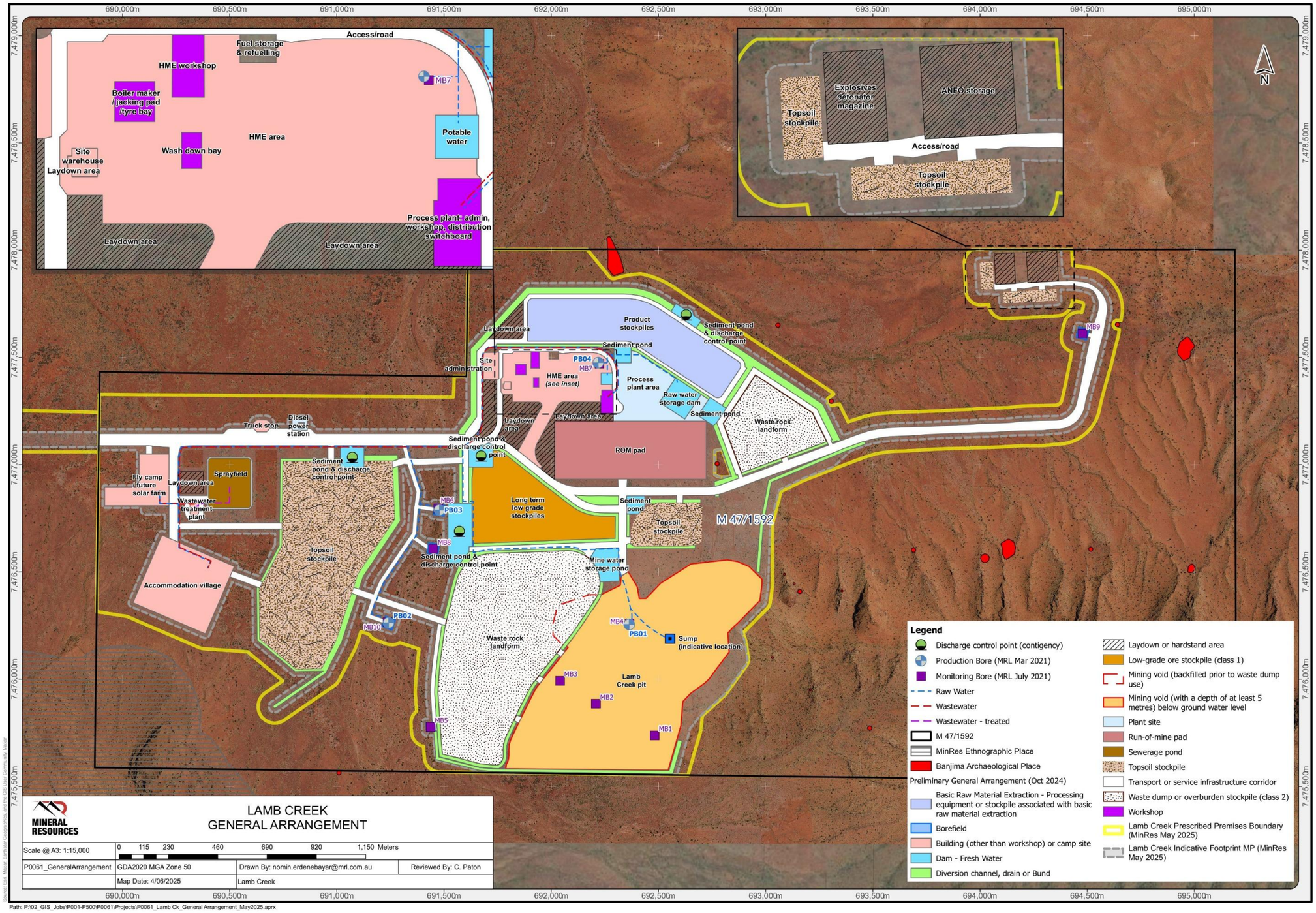

Figure 2: General site layout

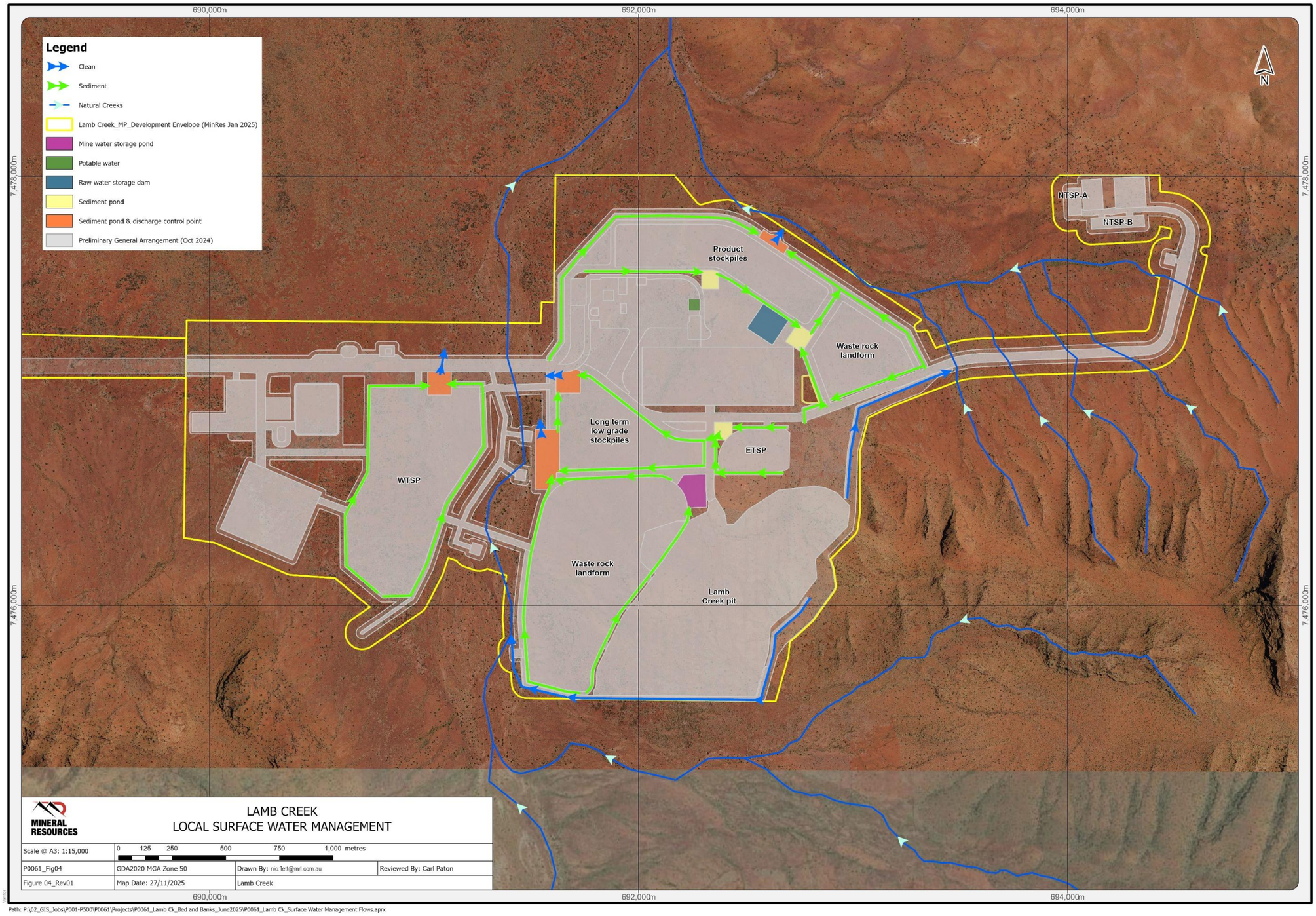

Figure 3: Surface water flows and storages

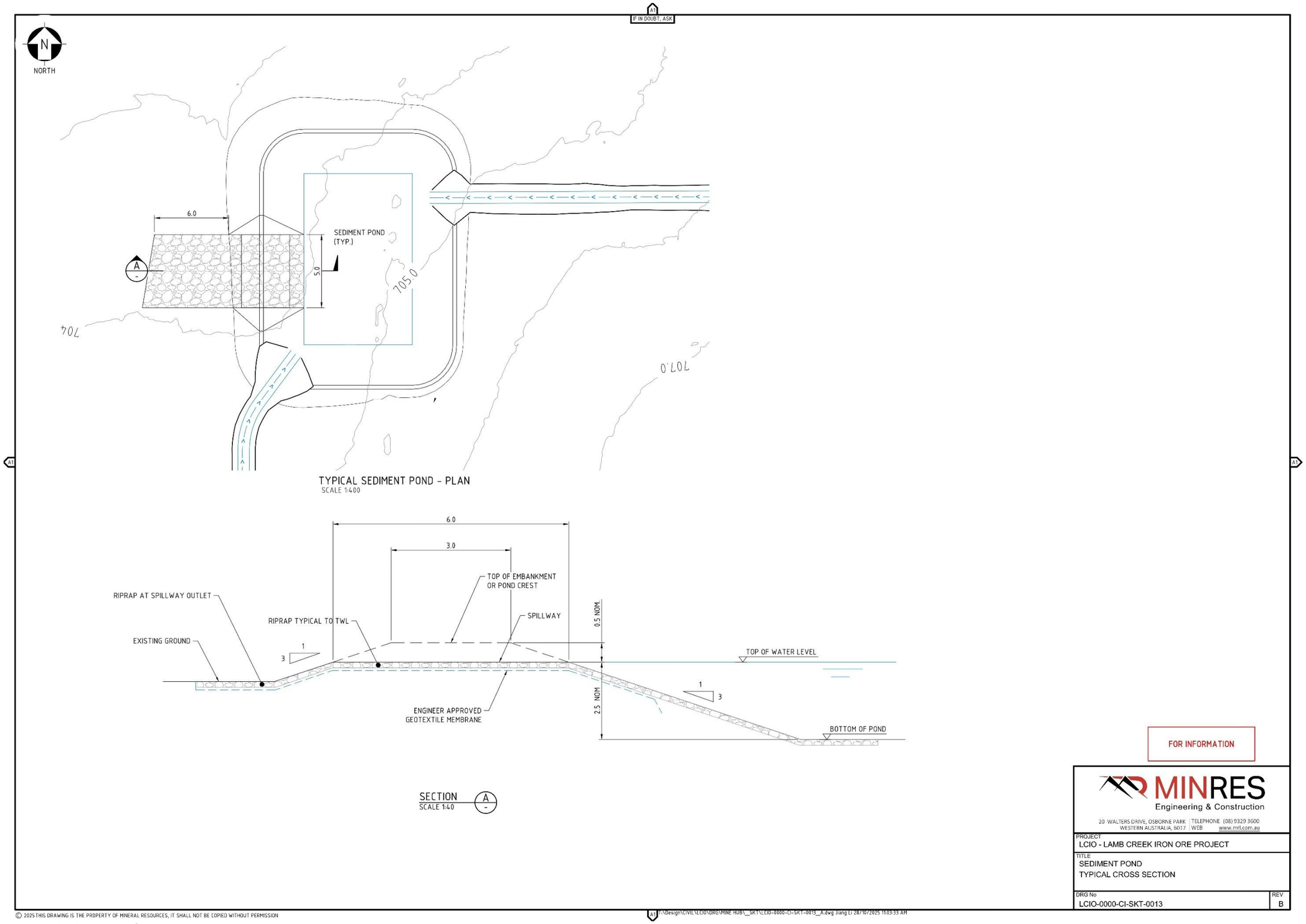

Figure 4: Design of contingency discharge spillway