Form

Request to amend a proposal during assessment under s 43A of the EP Act

Part A: Proponent information and proposal description				
1. Proponent information				
Name of the proponent/s (including Trading Name if relevant)		Atlas Iron Pty Ltd		
Australian Company Number(s) X **OR** Australian Business Number(s) ☐		110 396 168		
Who is requesting a proposal amendment?		X Proponent ☐ Authorised representative (an authorisation from the proponent should be provided).		
Name (print) Spencer Shute		**Signature**		
Position	Environment and Approvals Manager	Organisation		
Email	Spencer.Shute@atlasiron.com.au	Phone	+61 8 6228 8131	
Address	Level 17, 300	Murray Street		
	Perth	WA	6000e	
Date	30/11/2022			
Does the referrer request that the EPA treat any part of the proposal information in the referral as confidential? *Provide confidential information in a separate attachment.*		X Yes ☐ No		
Does the referrer confirm that they consent to receive correspondence electronically?		X Yes ☐ No		
Declaration for proponent and Authorised representative: I, Spencer Shute, *(full name)* of Atlas Iron Pty Ltd declare that I am authorised to refer this request on behalf of the proponent, and further declare that the information contained in this form is true and not misleading. Date: 30/11/2022				
Provide contact details for purposes of the assessment, if different from the above. *Include: name, physical address, phone, email.*		NA		

2. Pre-request discussions	
Have you had pre-referral discussions with the EPA (including the EPA Services of DWER)? *If so, provide name, date, and overview of discussions.*	✓ Yes ☐ No 2/11/2022 – discussion of proposed change to dewater discharge volume (Katrina Cooper) 29/11/2022 – discussion of change and associated reduction in environmental impacts (Tania Liaghati, Katrina Cooper, Lomas Capelli, Dave Abdo)
3. Proposal information	
Title of the proposal	McPhee Creek Iron Ore Project
Description of the proposed amendment/s	Reduction of maximum dewatering volume from 16 GL/a to 7.5 GL/a
Proposal content document	Updated (attached to this form)
Have you provided electronic spatial data, maps, and figures in the appropriate format of the referred proposal before any change request?	✓ Yes ☐ No
Part B: Assessment of amendments	
1. Reasons and content for the proposed amendment	
Reasons for the proposed amendment/s	Commitment to reduced dewatering rate to deliver corresponding reduction in dewater discharge rates.
Describe the content of the proposed amendment/s to the proposal	The amendments to the original Proposal are limited to a reduction in the maximum groundwater abstraction rate for mine dewatering.
Provide a consolidated updated proposal content document	Attached
Alternatives to the proposed amendment/s	No change
2. Regulatory information	
Level of assessment	Public Environmental Review
Assessment details	Assessment No. 2285
Status of assessment	Public Environmental Review publication period completed, submissions received and Response to Submissions report submitted to EPA Services (in parallel with the request under S43a).
Changes to decision-making authorities or processes	None
Identify if changes to assessment procedures are required	None

3. Identification of environmental factors and environmental effects	
Environmental factors	Unchanged
Environmental effects	Unchanged, except for reduction in potential impacts associated with reduced dewater discharge (refer to Response to Submissions report)
Mitigation hierarchy	Unchanged. Requested amendment directly related to the 'reduce' element of the hierarchy.
Residual Impacts	Unchanged, except for reduction in potential impacts associated with reduced dewater discharge (refer to Response to Submissions report)
Specify if additional information is required	No
4. Consultation	
Consultation undertaken	Discussions with EPA Services, and DCCEEW representatives, as noted above.
Outcomes of consultation	Positive
Part C: Additional information	
1. Additional surveys, investigations and other information	
Discuss and provide additional information that has been obtained	Refer to Response to Submissions report
2. Discussion of significance	
Change to the significance of the residual impact/s	Refer to Response to Submissions report
Significant effect on the environment	Refer to Response to Submissions report
Environmental outcomes	Refer to Response to Submissions report
Character of the proposed amendment/s	Refer to Response to Submissions report

McPhee Creek Iron Ore Project

Proposal Content Document

Table 1: General proposal content description

Proposal title	**McPhee Creek Iron Ore Project**
Proponent name	Atlas Iron Ltd Pty
Short description	The McPhee Creek Iron Ore Project is located approximately 30 km north of Nullagine. The Proposal is for the mining from five open cut pits including above water table (AWT) mining from the Crescent Moon pit and below water table (BWT) mining from the Nicholson, Ord, Murray and Avon pits (Figure 1). The Proposal includes the development of mine pits and associated infrastructure including but not limited to crushing and screening facilities, waste landforms, run of mine pad, access roads, solar field, administration, accommodation camp, stockpile and laydown areas, borrow pits, groundwater bores and transfer infrastructure, explosives magazine, fuel storage and landfill. Management of excess dewater is proposed via surface water discharge to three creeks (Figure 2). Ore will be transported by truck to the existing Roy Hill Iron Ore Project, or other third parties for processing, or may be on sold as direct shipping ore.

Table 2: Proposal content elements

Proposal element	Location / description	Maximum extent, capacity or range
Physical elements		
Mine elements including: - Above and below water table mining of five open cut pits - Waste Rock Dumps - Topsoil stockpiles - Ore Stockpile	Within Development Envelope and outside of the Significant Fauna Exclusion Zone (Figure 1).	Clearing of up to 1,913 ha within a Development Envelope of 4,465 ha including approximately 694.7 ha of high value fauna habitat.
Infrastructure elements including: - Accommodation camp - Energy supply infrastructure - Ancillary buildings (e.g. workshops, communications, offices); - WWTPs; - Landfill; - Hydrocarbon storage; - Explosive mixing and storage facility; - Laydown areas; - Above ground water storage dams to manage supply or disposal of clean or mine water.		

Operational elements		
Groundwater abstraction	Within Development Envelope (Figure 1)	Abstraction of up to 7.5 GL/a groundwater for mine dewatering
Surplus water management	McPhee Creek, branch of McPhee Creek and Lionel Creek (Figure 2)	Controlled surface discharge of surplus water to three creeklines within the wetting fronts as shown in Figure 2
Proposal elements with greenhouse gas emissions		
Construction elements: Annual average		
Construction - Vegetation clearing	Scope 1 - 98,688 tonnes of CO_2-equivalence (t CO_2-e)	
Operational elements: Annual Average Life of Mine		
Operations - Production - Energy production - Wastewater emissions	Scope 1 – 57,095 t CO2-e	
Rehabilitation		
Where practicable, progressive rehabilitation will be undertaken over the life of the mine. Areas disturbed through the implementation of the Proposal will be designed to be safe and non-polluting and will be constructed so the final shape, size, stability, are comparable with the natural landforms in the area.		
Commissioning		
Commissioning of the infrastructure and operational elements will be undertaken subject to the operational limits above.		
Other elements which affect extent of effects on the environment		
Proposal timeframe	Maximum project life	15 years

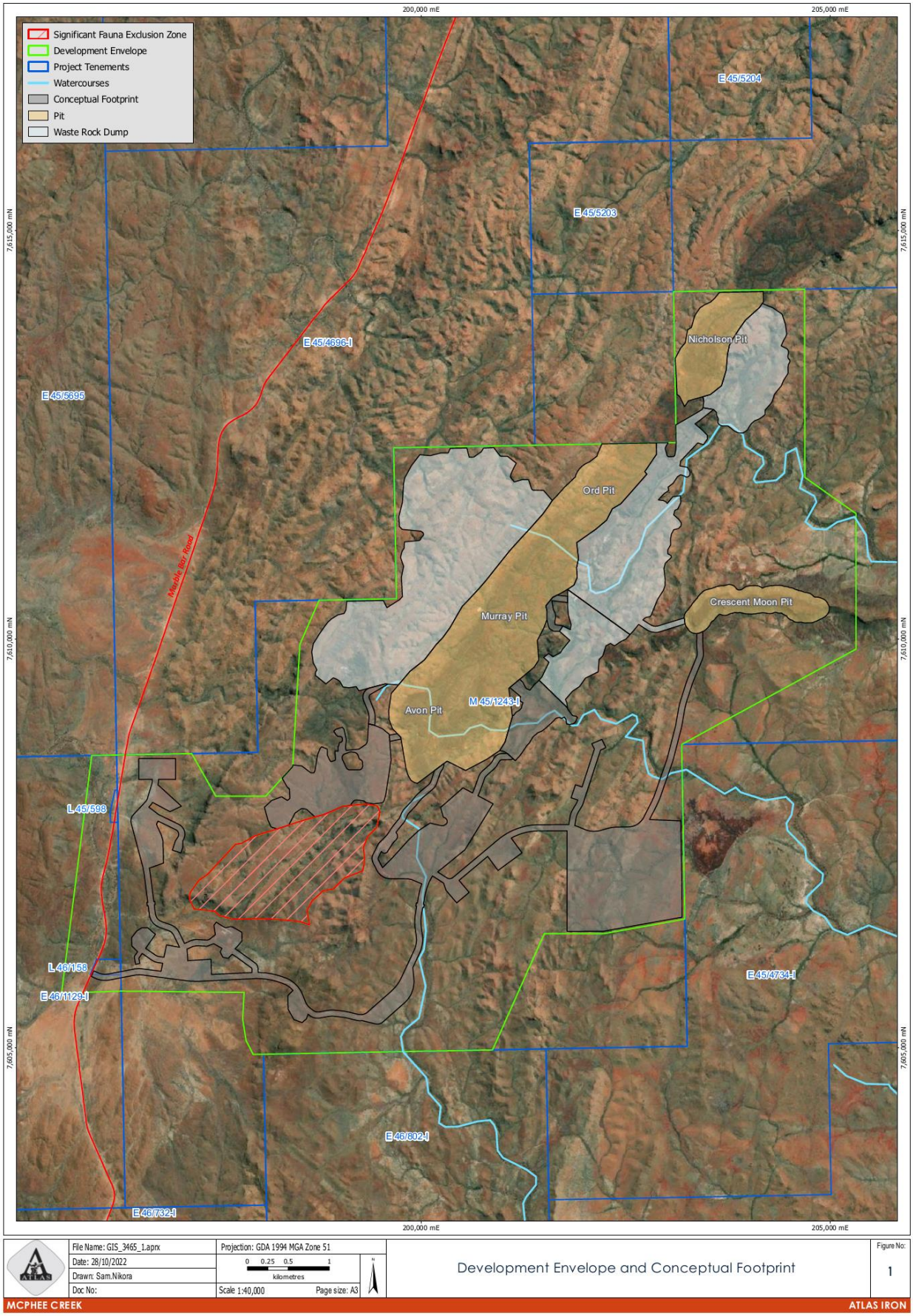
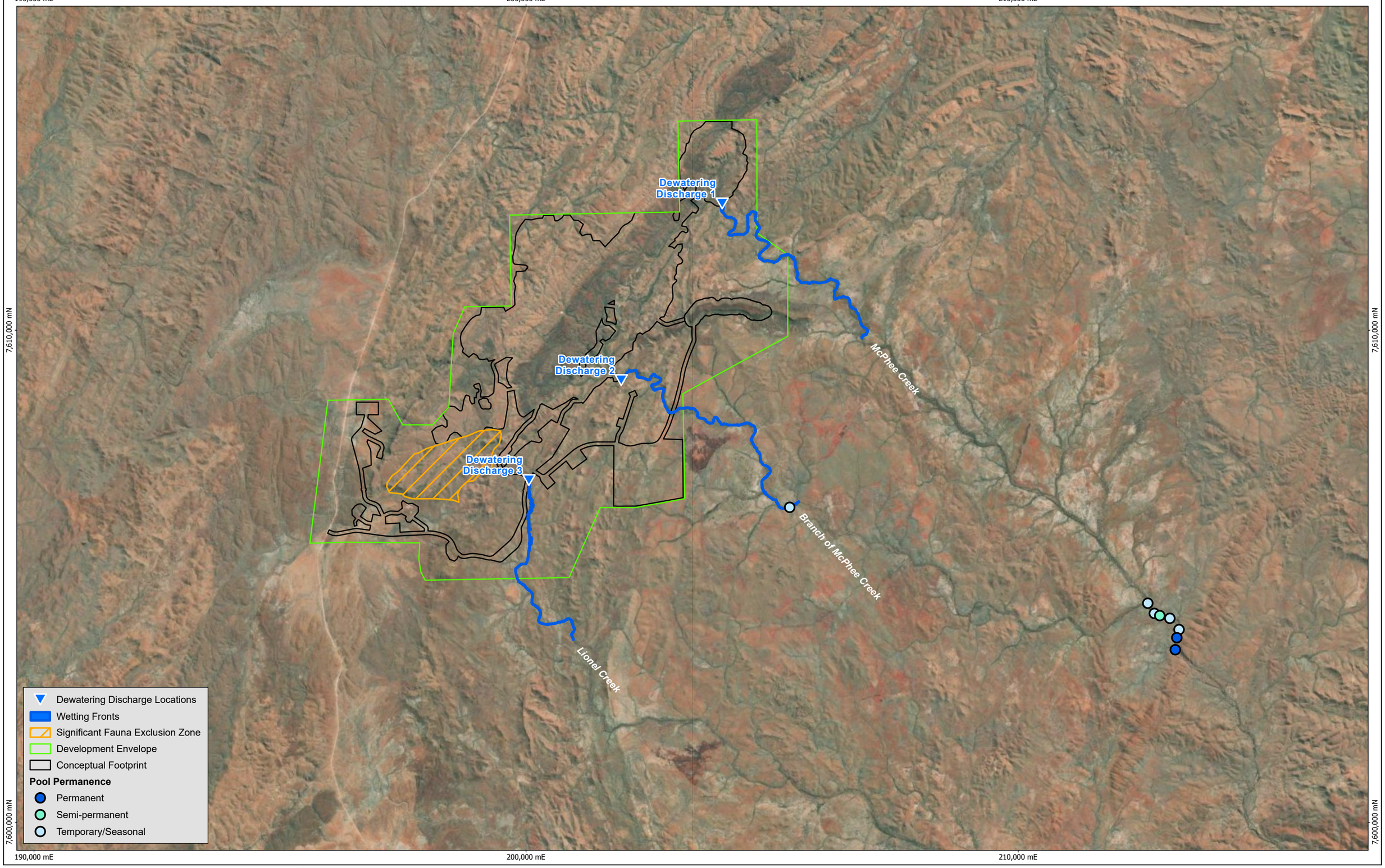


Figure 1 Development Envelope and Conceptual Footprint



ATLAS	File Name: GIS_3490.aprx	Projection: GDA 1994 MGA Zone 51	Maximum extent of continuous flow in creeks under natural no flow conditions due to discharge (Amended Proposal)
	Date: 7/12/2022	0 0.5 1 2 Kilometres	Figure No: 2
	Drawn: Sam.Nikora	N	
	Doc No:	Scale 1:70,000 Page size: A3	

MCPHEE CREEK ATLAS IRON