

Department of Climate Change, Energy, the Environment and Water
GPO Box 787 Canberra, ACT 2601

Via email to:



Assistant Director, North Western Australia Section



25 September 2025

Dear 





EPBC 2021/9085 Havieron Project (WA) – Variation request

As discussed most recently in our meeting on 15 September 2025, Greatland Pty Ltd is seeking a variation to the content of its referral EPBC 2021/9085, which is currently under assessment.

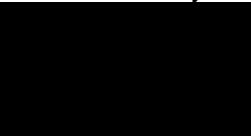
The Requested Variation is for increase of the Development Envelope from 3,979 ha to 5,783 ha. The background, nature and extent of the Requested Variation are provided in the attached information, conforming with the requirements of EPBC Regulations 2000, Division 5.4 r.5.08. Revised spatial data is provided with this submission.

Greatland does not seek to vary the Indicative Footprint of up to 630 ha within the Development Envelope. We would however like to take this opportunity to provide updated spatial data for the Indicative Footprint arising from review of surface infrastructure alignment since Greatland acquired full ownership of the Project. Whilst no variation is sought, we have for completeness included assessment of the amended Indicative Footprint with regards to habitat for Matters of National Environmental Significance (MNES).

The Requested Variation does not change the nature or intensity of the operation, does not introduce any new MNES nor alter the impact to habitat, does not require new or altered mitigation measures, and does not impact the proposed offset given that habitat clearance and activities within the Development Envelope are not altered.

I look forward to your consideration of the requested variation. Should you have any further queries regarding this matter, please do not hesitate to contact   at  or .

Yours sincerely



Chief Operating Officer

EPBC 2021/9085 Havieron Project (WA) – VARIATION REQUEST

1. Background – Proposed Action 2021

The Havieron Underground Mine proposal (Havieron Proposal) is a greenfield gold-copper deposit located approximately 45 km east of the Greatland Telfer Gold Mine, in the Shire of East Pilbara and within the Great Sandy Desert region of Western Australia. It is located within the Martu People and Ngurra Native Title Determination area on unallocated Crown Land.

This proposal was determined to be a Controlled Action (2021/9085) on 21 December 2021 due to the presence of listed threatened fauna species: Greater Bilby (*Macrotis lagotis*), Vulnerable; and Night Parrot (*Pezoporus occidentalis*), Endangered (revised to Critically Endangered on 5 September 2025). The determination was made by DCCEEW on 5 July 2022 to assess on Preliminary Documentation, with a request for further information issued. A subsequent variation request was approved on 23 December 2024 to reflect the current project configuration, and this is reflected in the submission package.

The Havieron Proposal, as varied, comprises:

- Clearance of up to 630 ha of land within a development envelope of 3,979 ha for:
 - Development and operation of an underground mine for recovery of gold and copper ore and haulage to Telfer for processing at existing facilities (also owned by Greatland), with an operational life of 13 years followed by a 5-year rehabilitation period
 - Construction and operation of a 50km infrastructure corridor largely utilising the existing access road between Havieron and Telfer for haulage of ore and backload of tailings for production of paste backfill, water pipeline, electricity, borrow material, and general servicing
 - Surface infrastructure, including a waste rock landform, paste production batch plant, evaporation ponds and associated pipelines and silt ponds, workshop, administration and accommodation.
- Continuation and expansion (if required) of the development dewatering program, with abstraction of up to 2 gigalitres (GL) per year of groundwater for use on site, with any surplus hypersaline waters sent to lined evaporation ponds.

Assessment is underway, with an address to final RFIs prior to public advertising due for submission underway.

2. Reason for the variation request

Variation to the Development is requested for the following reasons:

- Provide sufficient width to allow for diversion of the proposed haul road by a minimum of 300m around Night Parrot critical nesting habitat should previously unidentified areas be encountered during pre-clearance surveys. Whilst it is considered unlikely that critical habitat will be encountered, it is prudent to address this prior to assessment given the significant impact this would have on implementation.
- Ensure the Development Envelope reflects current Greatland design (noting no change to the proposed 630 ha). Provision in the revised Development Envelope is made for:
 - Additional borrow pits required for haul road construction
 - An existing communications tower not previously encompassed

- Logistics options at the Telfer end of the haul road to allow for the safest haulage option to be made at detailed design phase
- Provide for a possible future amendment to the existing Telfer Mine should additional mineral reserves be identified that extend the life of mine (noting that additional environmental assessment and 45C referral under the *Environmental Protection Act 1986* would be required should that eventuate).

Provision of current Indicative Footprint

The proposed Indicative Footprint of up to 630 ha of land clearance within the Development Envelope remains unchanged. However, since acquisition of the Telfer – Havieron project in December 2024, Greatland have reviewed surface infrastructure alignments and resources. We seek to take this opportunity to provide updated spatial data for the Indicative Footprint to reflect the following:

- Revised haul road alignment
- Borrow pits
- Further opportunities taken to re-use existing clearances

Of the 630 ha approximately approximately 472Ha is currently shown in the indicative clearance footprint, with an additional 50Ha expected once detailed design has confirmed infrastructure locations within the envelope. The unallocated aspects are:

- Haul road alignment around the Telfer Mine given. This decision will be made at detailed design based on consideration of mine safety and operational factors at Telfer
- Any future amendment to the existing Telfer Mine. This is a highly conceptual future decision (>5 years if required), however it is considered prudent to ensure it is included in the Development Envelope

The proposed Development Envelope and Indicative Footprint are illustrated with noted features in Figure 1.

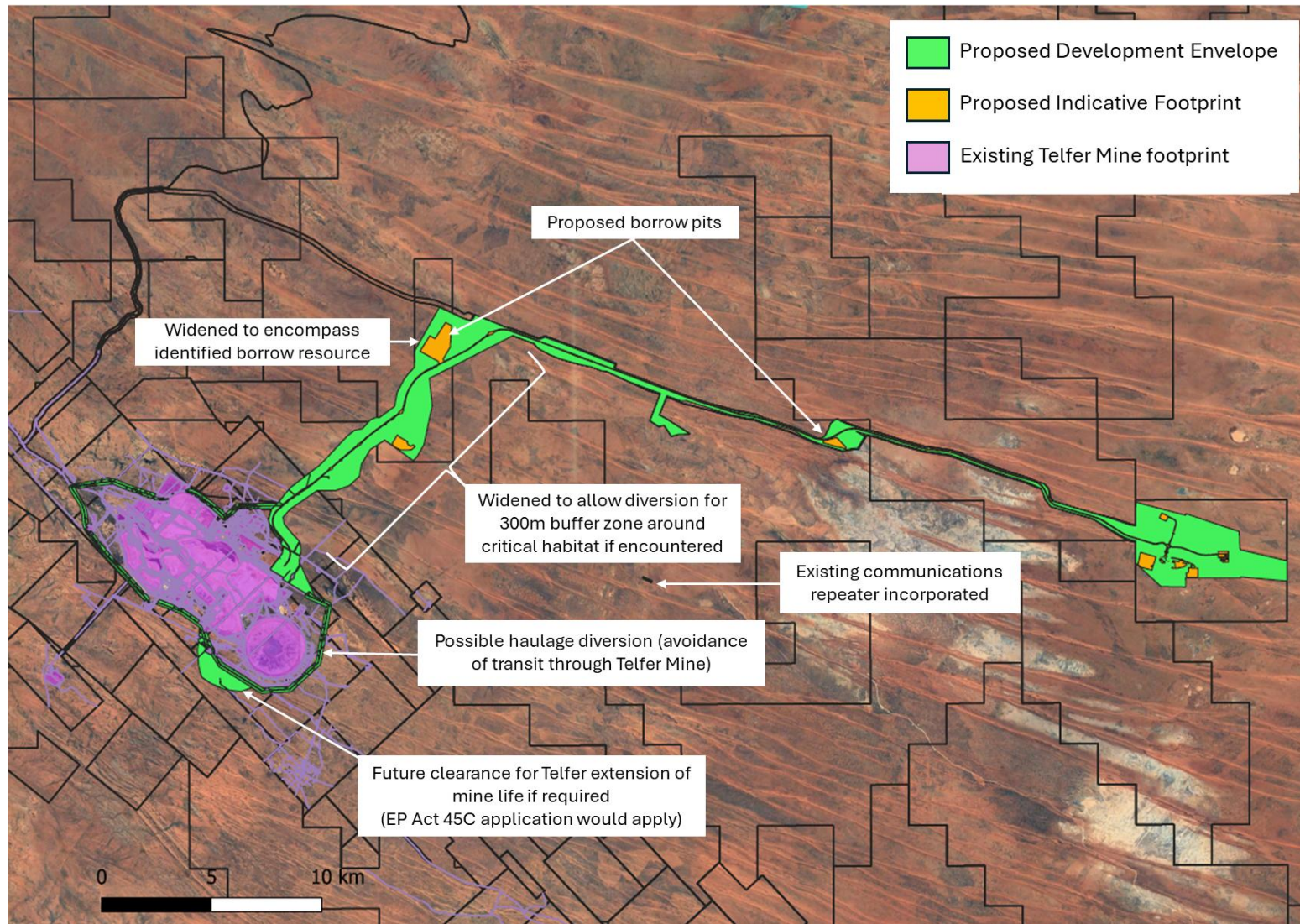


Figure 1 Proposed Development Envelope and Indicative Footprint

3. Nature of the variation

Increase to the spatial extent of the Havieron Development Envelope.

4. Extent of the variation

Increase in the Development envelope of 1,804 ha, from the current 3,979 ha to 5,783 ha.

The extent of the six identified habitat types is shown in Figure 2. Their extent within the current and proposed Development Envelope are provided in Table 1 and Figure 3.

Table 1 - Extent of habitat types within the current and proposed Development Envelope

Habitat	Regional extent in Mapping Area (ha) (304,746 ha*)	Extent in current DE (ha) (3,979 ha)		Extent in varied DE (ha) (proposed 5,783 ha)	
		ha	%	ha	%
Claypan	1,606.44	5.32	0.1	28.61	0.5
Saltpan	10,652.25	81.27	2.0	83.02	1.4
Sand Dune	41,778.66	211.27	5.3	437.05	7.6
Sand Plain	158,651.34	2,921.41	73.4	4,177.22	72.2
Stony Hill, Breakaway or Other Outcropping	26,913.06	51.09	1.3	56.26	9.6
Stony Plain	65,145.09	151.25	3.8	895.80	15.4

*Combed extent of habitat types surveyed in Biologic (2020) and Spectrum (2021) surveys (provided as RSD Attachments H and L respectively)

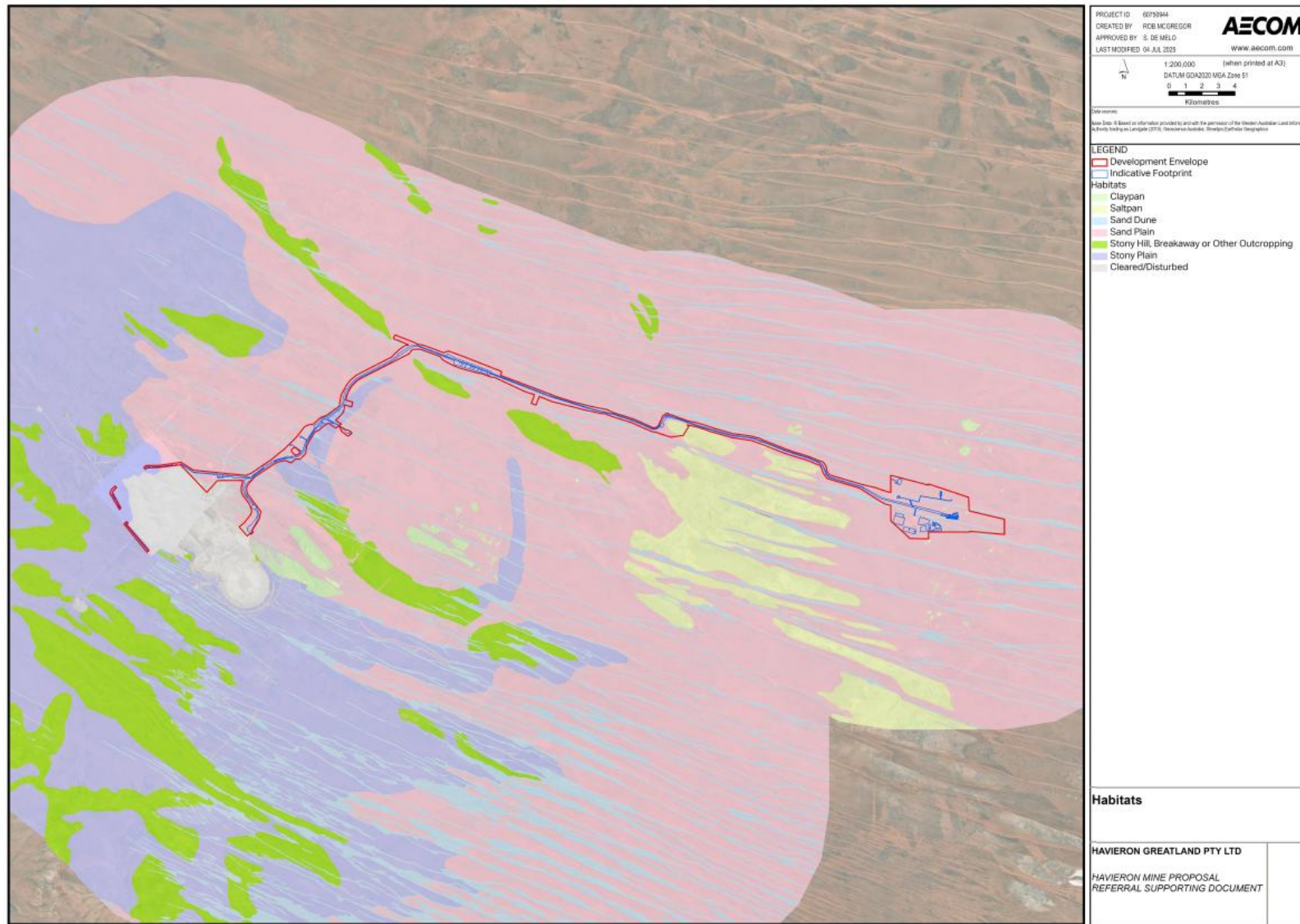


Figure 2 Broad habitat types and current Development Envelope

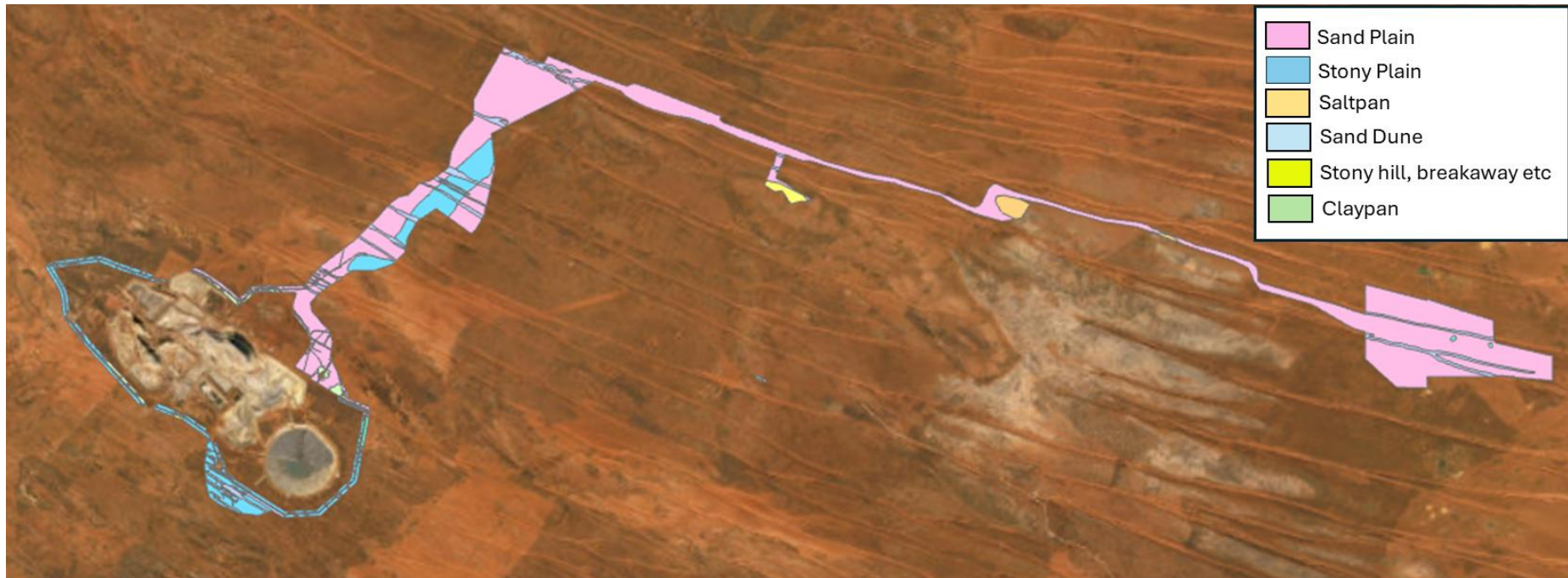


Figure 3 Extent of fauna habitats within the varied Development Envelope

5. Impacts of the Variation on MNES

There are considered to be no impacts on MNES from the proposed variation of the Development Envelope for the following reasons:

- There is no change to the extent of proposed land clearance
- The variation does not take in additional areas of critical habitat
- The extent of detailed fauna surveys encompasses the proposed variation with the required 10km beyond the Development Envelope. As such there is high confidence that all MNES species have adequately been identified. Based on this there is no change to significant species either recorded or likely to occur within the Havieron Development Envelope

Impact on Night Parrot

Night Parrot are considered to only utilise the general Havieron area from time to time for foraging (Leseberg, 2025). Given that there is no increase in actual land clearance and the variation remains within a large and homogenous landscape, periodic utilisation is not considered to be impacted. The primary reason for variation of the Development Envelope is to avoid impacts on Night Parrot by providing sufficient scope to divert around Night Parrot critical breeding habitat should it be encountered in pre-clearance survey.

Impact on Greater Bilby

Greater Bilby have a flexible and mobile ecology. The extent of habitat types and their utilisation is shown in Table 2. The change to the percentage of habitat types has not significantly varied (noting that approximately 50 ha are yet to be allocated at the detailed design phase should the project be approved).

Actual recordings of Greater Bilby in relation to the existing and varied Development Envelope are shown in Figure 4. There is no change to the extent of recordings between the current and proposed Development Envelope.

Table 2 - Extent of habitat types within the current and amended Indicative Footprint

Habitat	Extent in current Indicative Footprint		Extent in amended Indicative Footprint		Habitat potential utilisation by Greater Bilby
	ha	%	ha	%	
Claypan	0	0	0	0	Burrowing – Breeding - Foraging
Saltpan	2.04	0.3	2.11	0.4	Burrowing – Breeding - Foraging
Sand Dune	14.78	2.3	12.53	2.7	Burrowing – Breeding - Foraging
Sand Plain	564.97	89.6	442.35	93.7	Burrowing – Breeding - Foraging
Stony Hill, Breakaway or Other Outcropping	4.44	0.7	0	0	Foraging
Stony Plain	43.67	6.9	14.35	3.0	Foraging, and Burrowing - Breeding if intermixed with sand plain
Total	629.9		471.34*		

*Additional ~50 ha to be allocated at detailed design

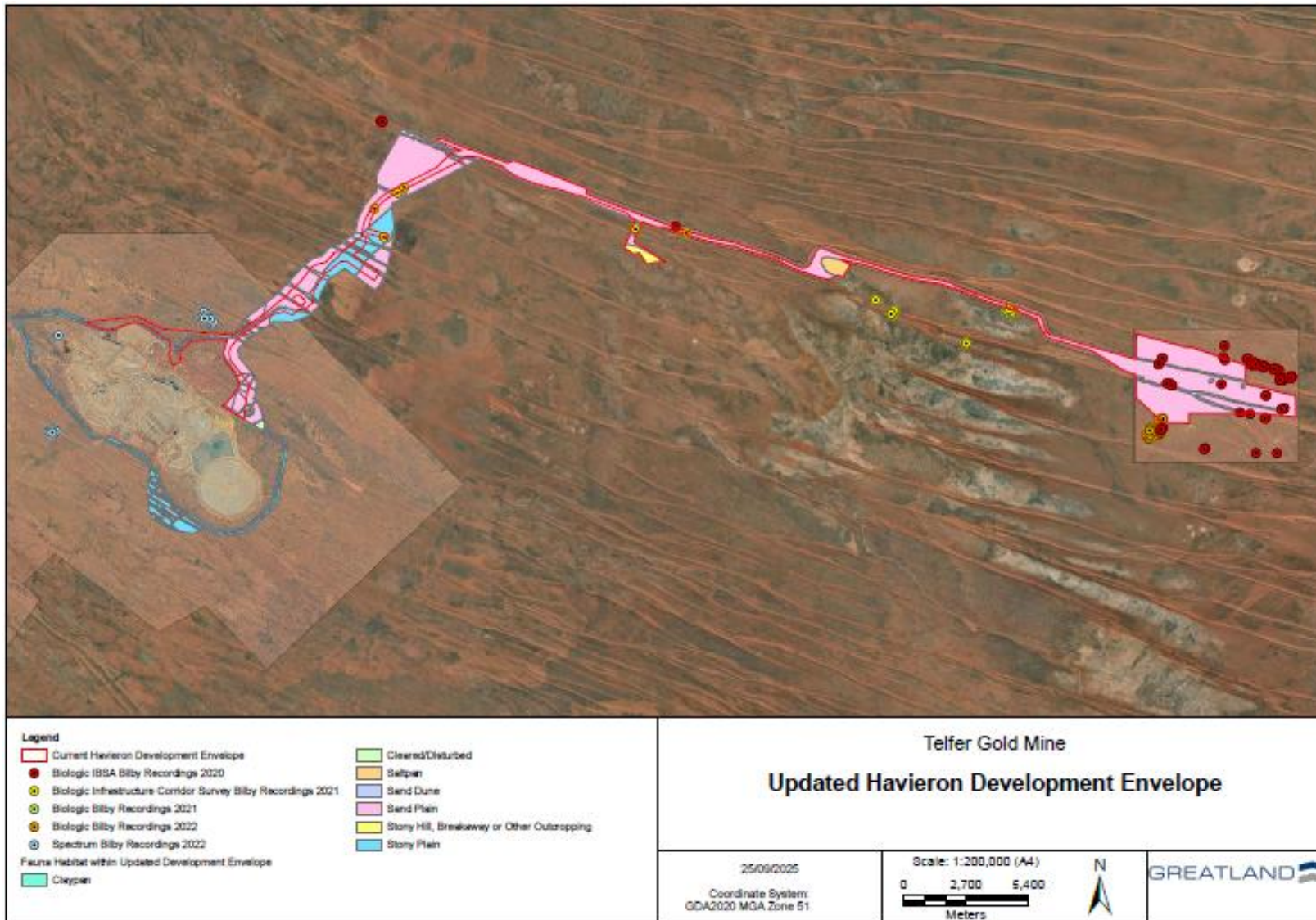


Figure 4 Extent of Greater Bilby recorded within and around the current and varied Development Envelope

6. Additional or updated Mitigation Measures

There are no additional or updated Mitigation Measures required as a result of the proposed Variation.

If approved, all maps, areas and calculations of habitat types within the proposed indicative footprint will be updated in both the Referral Supporting Document and accompanying Significant Species Management Plan.

7. Justification

The proposed variation is considered justified on the following basis:

- It provides for greater protection of Night Parrot critical nesting habitat should it be unexpectedly encountered during haul road pre-clearance surveys. The current Development Envelope is extremely narrow and does not provide sufficient width for design re-alignment. The increased width ensures Greatland can fulfill obligations to maintain a 300m buffer in the unlikely event critical nesting habitat is encountered.
- It ensures that all features of the Greatland surface infrastructure design are encompassed, including the borrow materials required for construction.
- All existing cultural heritage exclusions as directed by JYAC as representatives of the Martu Traditional Owners are taken into account in the revision of the Development Envelope.

The variation can be implemented without increased direct or indirect impacts to MNES given that the extent of clearance, nature, scale and intensity of the proposed Havieron mine is not increased or altered.