



ATLAS Stage 3 – EPBC Pre-clearance Report – Amber and Paradise Downs

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Senex

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Glossary of Terms

Acronym	Description
ATP	Authority to prospect
DBH	Diameter at breast height
EA	Environmental authority
ECPPFD	<i>Environmental Constraints Protocol for Planning and Field Development</i>
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999 (Commonwealth)</i>
EP Regulation	<i>Environmental Protection Regulation 2008</i>
ESA	Environmentally Sensitive Area
GTRE	Ground-truthed regional ecosystem
ha	Hectare
km	Kilometres
m	Metres
MNES	Matter of National Environmental Significance
MSES	Matter of State Environmental Significance
PL	Petroleum lease
sp.	Species (singular)
spp.	Species (plural)
Sqm	Square metres
SQP	Suitably qualified person
TEC	Threatened Ecological Community

1 Introduction

The pre-clearance survey methodology applied within this package of works is deemed appropriate to confirm the on-the-ground biodiversity values present.

1.1 Project background

The Atlas Stage 3 Gas Project (EPBC Act referral 2022/09410) involves developing, operating, decommissioning and rehabilitating up to 151 coal seam gas wells; gas and water gathering systems for the producing wells; access tracks; brine and produced water storages; borrow pits; and ancillary supporting facilities on Petroleum Lease (PL) 1127, PL1037, PL445 and PL209 in the central part of the Surat Basin, Queensland (Senex, 2024).

This report provides the results of pre-clearance survey on a proposed infrastructure layout including wells, gathering, camp, laydowns and extra workspaces as well as a 30 m buffer (known hereafter as 'The Survey Area') within the Amber Downs and Paradise Downs properties:

- Lot 54 on Plan FT788
- Lot 23 on Plan FT41

1.2 Scope

Ausecology Pty Ltd (Ausecology) was engaged by Senex Energy Pty Ltd (Senex) to undertake pre-clearance ecological surveys as part of the approval conditions for the Atlas Stage 3 Gas Project and in accordance with the Atlas Stage 3 Environmental Constraints Protocol for Planning and Field Development (ECPFPD) document (Senex, 2024). The ECPFPD provides a framework for identifying, assessing and managing potential impacts to Matters of National Environmental Significance (MNES) and Matter of State Environmental Significance (MSES) associated with development of the Atlas Stage 3 Gas Project. Data collected during the pre-clearance surveys will be used by Senex to ensure:

- infrastructure siting complies with relevant environmental approval conditions and does not exceed the maximum disturbance limits
- infrastructure siting adheres to the constraints mapping; and
- no functional change to Koala dispersal habitat, the approval holder must not remove more than a total of 4 ha of trees, measured in canopy cover within mapped koala dispersal habitat.

Results from the pre-clearance survey findings (this report) will be published on the website, including:

- the location and extent of trees to be cleared, including maps; and
- a discussion of how removal of trees will not change the ability of koalas to disperse across the landscape.

This survey also involved targeted threatened flora surveys, active threatened fauna surveys (where suitable habitat was identified) and fauna habitat identification (where encountered) as per the ECPFPD.

1.3 EPBC conditions

This report will validate compliance with the following EPBC approval conditions:

4. *In accordance with the Constraints Protocol, the approval holder must:*
 - b) *adhere to the constraints mapping.*
5. *To ensure no functional change to Koala dispersal habitat, the approval holder must not remove*

more than a total of 4 ha of trees, measured in canopy cover within mapped Koala dispersal habitat.

PRE-CLEARANCE SURVEYS

6. Prior to commencing clearing, the approval holder must:

- a) undertake at least one pre-clearance survey of the proposed area of clearing, and
- b) publish on the website the pre-clearance survey findings, including:
 - i) the location and extent of trees to be cleared, including maps, and
 - ii) a discussion of how removal of trees will not change the ability of Koalas to disperse across the landscape.

2 Methodology

Ausecology conducted field surveys between the 16th – 18th of July 2025 to determine impacts from the planned gas infrastructure including wells, gathering, and a camp on the Amber Downs and Paradise Downs property. The area surveyed and mapped in this report is shown in Figure 2-1.

2.1 Regional ecosystem assessment and threatened ecological communities

2.1.1 Desktop assessment

Desktop assessment and constraints assessments have previously been undertaken on the property including by Ausecology in June 2025. These surveys included ground-truthed regional ecosystem (GTRE) mapping and threatened ecological community surveys. This report has been reviewed as part of this desktop assessment prior to the pre-clearance surveys and were deemed to have been conducted to an acceptable level of detail. Given the level of detail in prior reports, no further detailed desktop analysis has been conducted.

2.1.2 Regional ecosystem assessment

During pre-clearance surveys, quaternary site assessments to verify regional ecosystems were undertaken where necessary (i.e., where vegetation and ecological communities have been determined to vary from the mapped GTRE at the time of the pre-clearance surveys). These assessments were conducted in accordance with the ECPPFD.

2.1.3 Threatened ecological communities

Where necessary Threatened Ecological Community (TEC) assessments were undertaken to confirm the presence and condition of TECs identified as known or potential in The Survey Area if these were determined to vary from the mapped TEC areas identified in the constraints mapping.

2.2 Targeted threatened flora surveys

These surveys were conducted by a suitably qualified person (SQP). Targeted flora surveys of all known, likely or potential threatened flora species were conducted within The Survey Area, where mapped constraint areas were present and/or suitable habitat was identified by the SQP, in accordance with the ECPPFD.

These surveys were conducted using the random meander methodology and if a species was encountered, a population survey was undertaken to determine the extent and density of the population. Threatened flora species and the locations of all individuals were recorded and specimens collected of any unknown individual requiring confirmation by the Queensland Herbarium.

Potentially occurring threatened species in the area as per the ECPPFD include Belson's panic (*Homopholis belsonii*), and woolly wrinklewort (*Rutidosia lanata*) and *Solanum stenopterum*.

2.3 Fauna habitat assessment

Senex has committed to not clearing any areas confirmed as habitat for threatened species (ECPFFD), with the exception of koala (*Phascolarctos cinereus*) dispersal habitat and short-beaked echidna (*Tachyglossus aculeatus*) habitat. Fauna habitat baseline assessments have been conducted to an adequate level of detail to enable known, likely and potentially present species to be identified, and comprehensive Project impact assessment and constraints mapping has been completed (ECPFFD).

The pre-clearance surveys will reassess the habitat present (as mapped in the constraints mapping (ECPFFD) or otherwise identified by the SQP during the pre-clearance surveys) in order to refine mapped habitat areas. They will also identify and record micro-habitat features and breeding sites to facilitate avoidance and minimisation of impacts to potentially utilised micro-habitat features and breeding sites. Recorded micro-habitat features, where present include:

- Hollow-bearing trees;
- Dead standing trees;
- Hollow logs;
- Termite mounds;
- Woody debris;
- Surface rocks;
- Gilgais;
- Soil cracks / cracking clay;
- Rocky outcrops, crevices, overhangs and caves;
- Mistletoes;
- Nests;
- Animal burrows;
- Watercourses, wetlands and dams (including proximity); and
- Any other significant habitat features, or values present, such as dense leaf litter, heavily decorticated bark, dense grass/shrub shelter, seeding grass cover, fruiting plants, nectar and pollen producing plants and koala food trees.

2.4 Threatened fauna surveys

As areas confirmed as habitat for threatened species have been effectively avoided by The Survey Area (with the exception of koala dispersal habitat and echidna habitat), the area required to be surveyed was minimal.

Active fauna surveys of all known, likely or potential threatened fauna species are to be undertaken where suitable potential habitat is mapped or found to be present within The Survey Area (refer to the constraints mapping and the habitat features listed in Appendix A of the ECPFFD). Opportunistic active fauna searches as per Table 1, Appendix A of the ECPFFD include scanning trees, the ground and habitat features; overturning rocks, logs and other woody debris; searching under peeling bark; raking leaf litter and soil at the base of trees; and flushing birds from dense shrubs and groundcover.

Invasive active searches were not undertaken in the 30m buffer of The Survey Area within mapped constraint areas, given no impact is expected and active searches outside of The Footprint would be detrimental to the

fauna species habitat. Instead of invasive searches in the 30 m buffer, surveys included incidental observations and scat and sign searches.

2.5 Koala dispersal habitat

An initial desktop survey was undertaken to analyse all previous ecology data collected in the field, analysis of the ECPPFD and associated constraints mapping, and to identify areas of mapped koala dispersal habitat that would require further ground verification.

Areas identified were highlighted on GIS mapping for further identification and field verification. Additional points were collected in the field where applicable. All tree ID numbers have been provided in individual maps of the area surveyed and further details provided in the results.

Canopy cover was measured using GIS and the diameter at breast height (DBH) of each of the abovementioned trees was measured and height data was collected. Where denser regrowth was present and canopy cover of individual trees could not be distinguished, the canopy cover of the clump of trees was included at the outer dripline and average height assessed. Thorny tree species which are not able to be climbed by koala (i.e. desert lime (*Citrus glauca*)) were noted in the field but excluded from the final koala tree canopy cover calculations.

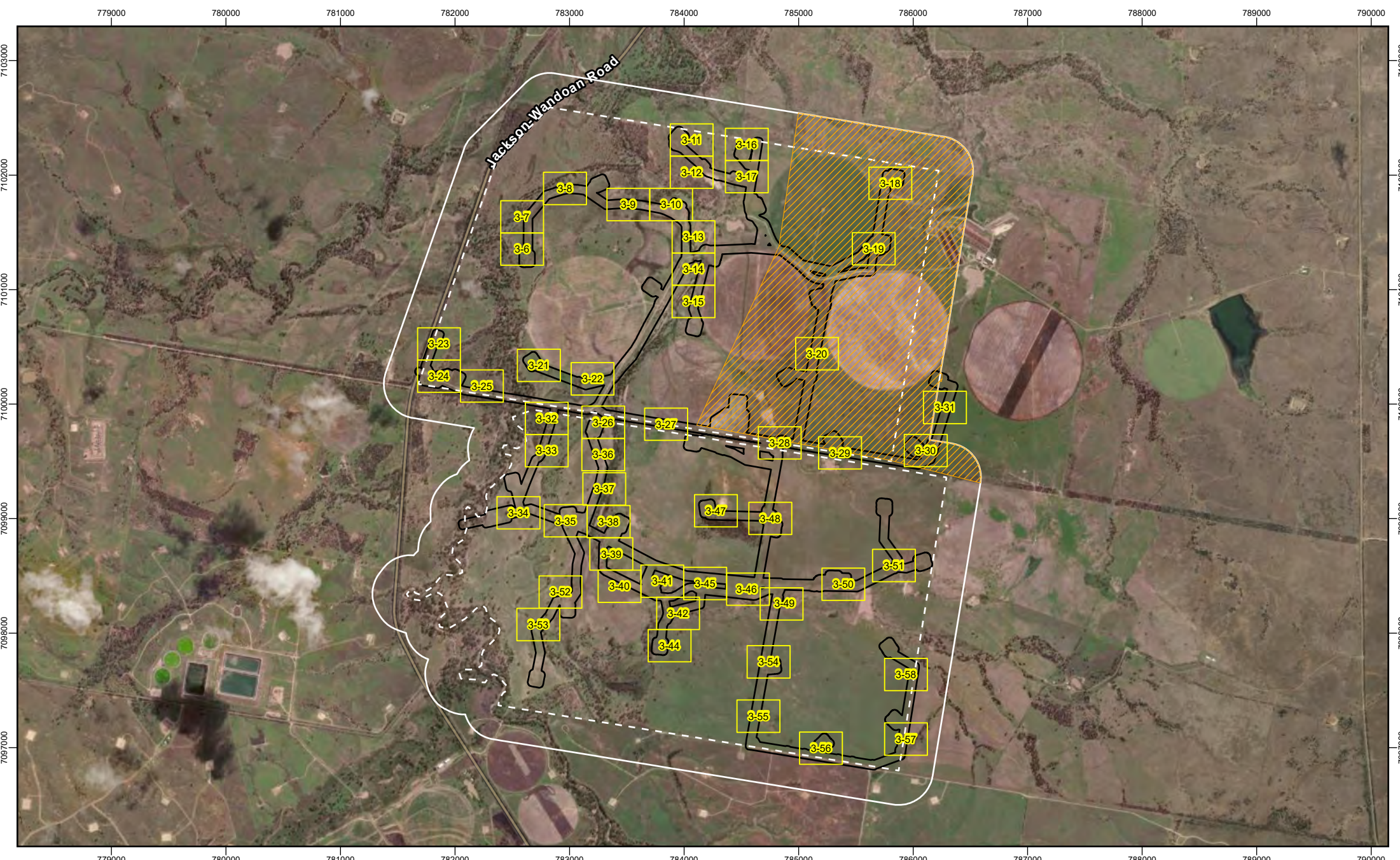




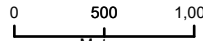
FIGURE 2-1:
Amber Paradise Downs
Atlas 3 - Overview Preclear

-  Pre-Clearance Survey Extent
-  Survey Extent
-  Cadstre Boundary
-  Map Extents
-  Area Not Surveyed



REVISION	AUTHOR	REVIEWER	DATE
2	JS	LG	15/12/2025
3	JS	LE	01/07/2026

GDA2020 MGA Zone 55
Scale: 1:42,000



0 500 1,000
Metres

3 Results

The Amber and Paradise Downs property has been historically cleared for cattle grazing and is dominated by cleared pasture lands of introduced grasses (Figure 3-1) and scattered paddock trees such as poplar box (*Eucalyptus populnea*), brigalow (*Acacia harpophylla*), belah (*Casuarina cristata*) and wilga (*Geijera parviflora*) (Figure 3-1). Small patches of remnant and regrowth vegetation were also found throughout the property, mainly associated with the creekline consisting of RE11.3.25 and old creek channels of RE11.3.27.



Figure 3-1: Representative image of cleared grazing pastures and patchy regrowth vegetation

3.1 Regional ecosystems and threatened ecological communities

Where mapped constraints areas occurred within the disturbance footprint or 30 m buffer these were assessed in the field to ensure they aligned with the mapping. Some mapped constraints in the survey area were found to require changing, and some realignments have been suggested to reduce impact. The survey also confirmed that the proposed disturbance areas do not contain any listed TEC or any TEC within the 30 m buffer area.

3.2 Targeted threatened flora surveys

No Belson's panic (*Homopholis belsonii*), red soil woolly wrinklewort (*Rutidosia lanata*) and winged nightshade (*Solanum stenopterum*) were identified within the Survey Area. It is unlikely for these species to be present in the Survey Area, due to the grazing pressure and presence of non-native grasses.

Four special least concern flora species were observed within the Survey Area, namely the: narrow-leaved bottle tree (*Brachychiton rupestris*), whiteroot (*Lobelia purpurascens*), northern sandalwood (*Santalum lanceolatum*) and Australian bluebell (*Wahlenbergia gracilis*).

3.3 Opportunistic fauna survey and habitat assessment

No threatened fauna species were observed in suitable potential habitat within the Survey Area. A total of 45 incidental fauna species were found, with the full list shown in Appendix A. Habitat searches found various micro-habitat features other than koala dispersal trees including coarse woody debris, dead standing trees (stags), decorticated bark and bird nests within the Survey Area and 30 m buffer, with a full list shown in Appendix B. All nests identified in the Survey Area did not have any nesting birds at the time of the survey. Invasive searches were not undertaken on habitat features in the Survey Area, as fauna would be disturbed too soon before clearing, and habitat may be unnecessarily destroyed.

Some large log piles have been created by the landholder due to recent vegetation clearing, with some of these located within the Survey Area.



Figure 3-2 Hollow in erosion bank



Figure 3-3 Log pile of cleared trees within the Survey Area



Figure 3-4 Spotted python (*Antaresia maculosa*) found during surveys

3.4 Weeds

Restricted invasive species under the *Biosecurity Act 2014* present within the Survey Area included scattered *Opuntia stricta* and *Opuntia tomentosa*. One patch of harrisia cactus (*Harrisia martinii*) was identified. A total of 35 weed species were noted, see Appendix C for a list of weeds identified in the Survey Area.

3.5 Erosion

Erosion was minimal across the property due to its overall flat nature. Some gully erosion and creek bank erosion was present, particularly along the creekline of RE11.3.25 and the old drainage lines of RE11.3.27. Some existing access track where they cross close to RE11.3.27 showed signs of bank erosion. Several erosion issues in or close to Survey Area are shown in Appendix D.



Figure 3-5 Examples of erosion on creek bank

3.6 Ground-truthed koala dispersal trees

Table 3-1 provides the results including canopy cover, height and DBH of the trees assessed in the field in koala dispersal areas. All trees were assessed and, where determined they could be avoided (through underground boring or realignment), have been marked up as “retain” and will be avoided during construction. Trees unable to be avoided have had their canopy cover assessed and calculated under disturbance limits. Mapping of each location (Desktop ID) are shown in Figure 3-6 to Figure 3- 34.

One area could not be assessed in the field due to landholder access constraints as shown in Figure 2-1. For the purposes of mapping koala habitat trees, trees marked during the field survey (30 June 2025) have been included and trees identified from aerial imagery have been added following field surveys. Furthermore, a revision to the impact footprint (26 November 2025) meant slight changes to areas and koala habitat trees were added from aerial imagery. As parts of the area were not verified on the ground, mapped koala habitat trees may require updating in the future.

It should be noted that the Survey Area was in the process of being cleared and stick-raked by the landholder so it is likely that some trees mapped, particularly those mapped via desktop may no longer be present. This also means that fewer koala habitat trees were recorded in the field compared to what is visible on aerial imagery.

Table 3-1 Dispersal habitat trees

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
LEAP01	<i>Eucalyptus populnea</i>	60	18	Retain	30.10	
LEAP02	<i>Eucalyptus populnea</i>	50	14			
LEAP11	<i>Acacia harpophylla</i>	24	6	Retain	41.92	
LEAP12	<i>Acacia harpophylla</i>	23	7			
LEAP13	<i>Owenia acidula</i>	20	6			
LEAP16	<i>Acacia harpophylla</i>	23	7			
LEAP14	<i>Acacia harpophylla</i>	13	8	Retain	28.90	
LEAP15	<i>Acacia harpophylla</i>	20	8			
MN01	<i>Eucalyptus populnea</i>	65	13.5	Retain	74.16	
MN05	<i>Eucalyptus melanophloia</i> x <i>Eucalyptus populnea</i>	48	18	Retain	39.55	
MN09	<i>Eucalyptus camaldulensis</i>	72	24	Retain	155.87	
MN10	<i>Eucalyptus camaldulensis</i>	63	23			
MN11	<i>Eucalyptus populnea</i>	12	8			
Mn12	<i>Eucalyptus populnea</i>	15	8			
MN13	<i>Eucalyptus populnea</i>	16	12			
MN14	<i>Eucalyptus populnea</i>	22	10			

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
MN15	<i>Eucalyptus populnea</i>	10	4	Retain	6.75	
Mn16	<i>Eucalyptus populnea</i>	12	6	Retain	9.31	
Mn29	<i>Eucalyptus populnea</i>	27	16	Remove	30.61	
Mn30	<i>Eucalyptus populnea</i>	110	28	Retain	169.66	
Mn31	<i>Eucalyptus populnea</i>	85	18	Retain	184.68	
Mn32	<i>Eucalyptus populnea</i>	90	18	Retain	231.57	
Mn33	<i>Eucalyptus populnea</i>	95	21	Retain	220.24	
Mn34	<i>Geijera parviflora</i>	10	4.5			

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
Mn35	<i>Eucalyptus populnea</i>	60	21.2	Retain	149.02	
Mn36	<i>Blakella tessellaris</i>	13	9	Retain	4.55	
MN37	<i>Eucalyptus populnea</i>	62	16	Retain	30.61	
Mn38	<i>Eucalyptus populnea</i>	67	14	Retain	53.32	
MN39	<i>Acacia salicina</i>	13	7	Retain	90.32	N/A
Mn40	<i>Eucalyptus populnea</i>	11	5.5	Remove	5.12	
Mn41	<i>Eucalyptus populnea</i>	120	20	Remove	194.58	
Mn50	<i>Eucalyptus populnea</i>	11	6	Remove	0.94	
Mn51	<i>Eucalyptus populnea</i>	10	6	Remove	1.94	

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
Mn52	<i>Eucalyptus populnea</i>	12	7.1	Retain	17.13	
Mn53	<i>Eucalyptus populnea</i>	110	24	Remove	366.86	
Mn54	<i>Eucalyptus populnea</i>	105	21			
Mn55	<i>Eucalyptus populnea</i>	58	24	Retain	199.80	
MN56	<i>Eucalyptus populnea</i>	68	27	Retain	175.49	
MN57	<i>Eucalyptus populnea</i>	75	27.5	Retain	180.61	
Mn60	<i>Eucalyptus populnea</i>	11	6.2	Retain	4.88	
Mn61	<i>Eucalyptus populnea</i>	11	5	Retain	10.93	
Mn62	<i>Eucalyptus populnea</i>	55	17	Retain	125.34	

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
Mn63	<i>Eucalyptus populnea</i>	10	5.7	Retain	4.31	
Mn64	<i>Acacia salicina</i>	10	5.3	Retain	80.36	
Mn65	<i>Acacia salicina</i>	11	6			
Mn66	<i>Acacia salicina</i>	12	6.5			
Mn67	<i>Acacia salicina</i>	10	4.9			
Mn68	<i>Casuarina cristata</i>	85	16.5	Retain	96.09	
Mn69	<i>Eucalyptus populnea</i> (clump)	11	5	Retain	10.97	
Mn73	<i>Alectryon oleifolius</i>	18	8.3	Remove	55.01	
Mn74	<i>Eucalyptus populnea</i>	21	9.7	Retain	9.08	
Mn75	<i>Acacia salicina</i>	10	7.1	Retain	6.88	

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
MN76-77	<i>Acacia salicina</i>	11	5.3	Remove	14.10	
MN76-77	<i>Acacia salicina</i>	10	5			
Mn78	<i>Eucalyptus populnea</i>	18	9	Remove	10.70	
Mn79	<i>Eucalyptus populnea</i>	12	5.6	Remove	15.64	
Mn80	<i>Atalaya hemiglauca</i>	19	8.2	Remove	11.73	
MN82	<i>Acacia harpophylla</i>	18	9.2	Remove	26.29	
MN83	<i>Casuarina cristata</i> x3	19	8.1	Remove	51.35	
MN84	<i>Casuarina cristata</i>	14	6.5			
MN85	<i>Casuarina cristata</i>	16.5	6.1	Remove	15.50	
MN86	<i>Acacia harpophylla</i>	18.5	7.7	Remove	20.17	
MN87	<i>Acacia harpophylla</i>	20	11.5	Retain	25.40	
MN88	<i>Atalaya hemiglauca</i>	40	12	Remove	38.20	

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
MN89	<i>Atalaya hemiglauc</i>	20	5.1	Retain	14.87	
PH04	<i>Eucalyptus tereticornis</i>	70	21.9	Retain	116.49	
PH05	<i>Eucalyptus populnea</i>	34.5	18.2	Retain	51.05	
PH06	<i>Eucalyptus tereticornis</i>	7	4.4	Retain	38.84	
PH07	<i>Blakella tessellaris</i>	19	11.8	Retain	13.25	
PH08	<i>Eucalyptus populnea</i>	59	19.3	Remove	76.38	
PH09	<i>Eucalyptus populnea</i>	36	16	Retain	48.20	
PH11	<i>Casuarina cristata</i>	22	8.5	Remove	33.68	
PH12	<i>Casuarina cristata</i>	28	8.2	Remove	35.41	

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
PH13	<i>Acacia harpophylla</i>	32	8.1	Remove	45.46	
PH14	<i>Eremophila mitchellii</i>	20.5	6.1	Remove	12.57	
PH15	<i>Acacia harpophylla</i>	25.5	8.3	Remove	15.04	
PH16	<i>Eucalyptus populnea</i>	13.5	7.8	Remove	10.06	
PH29	<i>Casuarina cristata</i>	40	12	Retain	37.33	
PH30	<i>Casuarina cristata</i>	28.5	9.8	Remove	33.83	
PH31	<i>Eremophila mitchellii</i>	16	4.1	Retain	8.83	
RR01	<i>Casuarina cristata</i>	20	9.7	Remove	48.70	
RR02	<i>Casuarina cristata</i>	25	9.7			
RR03	<i>Eremophila mitchellii</i>	9	5.2			

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
RR04	<i>Casuarina cristata</i>	38.5	13.9	Remove	56.11	
RR05	<i>Casuarina cristata</i>	51	9.5	Remove	38.25	
RR06	<i>Acacia harpophylla</i>	32	8.5	Remove	41.78	
RR07	<i>Casuarina cristata</i>	42	12.6	Retain	69.31	
BM1	<i>Casuarina cristata</i>	53	14	Remove	70.83	
BM2	<i>Eucalyptus populnea</i>	48	17	Retain	22.74	
BM3	<i>Eucalyptus populnea</i>	45	14	Remove	41.72	
BM4	<i>Acacia salicina</i>	19	7	Remove	26.87	
BM5	<i>Acacia salicina</i>	11	5			
BM6	<i>Acacia salicina</i>	7	4			
BM7	<i>Alectryon oliefolius</i>	8	4			
DT001	(Desktop Only)	-	-	Retain	42.92	N/A
DT002	(Desktop Only)	-	-	Remove	26.56	N/A
DT003	(Desktop Only)	-	-	Remove	30.44	N/A
DT004	(Desktop Only)	-	-	Remove	26.95	N/A
DT005	(Desktop Only)	-	-	Remove	15.33	N/A
DT006	(Desktop Only)	-	-	Remove	16.48	N/A
DT007	(Desktop Only)	-	-	Remove	18.85	N/A
DT008	(Desktop Only)	-	-	Retain	8.38	N/A
DT009	(Desktop Only)	-	-	Retain	2.71	N/A
DT010	(Desktop Only)	-	-	Retain	39.85	N/A

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
DT011	(Desktop Only)	-	-	Retain	61.51	N/A
DT012	(Desktop Only)	-	-	Retain	15.82	N/A
DT013	(Desktop Only)	-	-	Retain	19.41	N/A
DT019	(Desktop Only)	-	-	Retain	126.46	N/A
DT020	(Desktop Only)	-	-	Remove	132.97	N/A
DT021	(Desktop Only)	-	-	Retain	33.29	N/A
DT022	(Desktop Only)	-	-	Retain	49.21	N/A
DT023	(Desktop Only)	-	-	Retain	48.41	N/A
DT024	(Desktop Only)	-	-	Retain	75.21	N/A
DT030	(Desktop Only)	-	-	Remove	77.19	N/A
DT031	(Desktop Only)	-	-	Retain	43.74	N/A
DT032	(Desktop Only)	-	-	Retain	112.47	N/A
DT033	(Desktop Only)	-	-	Retain	52.22	N/A
DT034	(Desktop Only)	-	-	Retain	45.08	N/A
DT036	(Desktop Only)	-	-	Remove	44.17	N/A
DT037	(Desktop Only)	-	-	Retain	67.01	N/A
DT038	(Desktop Only)	-	-	Retain	62.78	N/A
DT039	(Desktop Only)	-	-	Retain	49.67	N/A
DT040	(Desktop Only)	-	-	Retain	73.66	N/A
DT041	(Desktop Only)	-	-	Retain	31.23	N/A
DT043	(Desktop Only)	-	-	Retain	63.36	N/A
DT044	(Desktop Only)	-	-	Retain	32.36	N/A
DT045	(Desktop Only)	-	-	Retain	40.09	N/A
DT046	(Desktop Only)	-	-	Retain	9.13	N/A
DT047	(Desktop Only)	-	-	Retain	54.19	N/A
DT050	(Desktop Only)	-	-	Retain	40.54	N/A
DT052	(Desktop Only)	-	-	Retain	47.61	N/A
DT053	(Desktop Only)	-	-	Retain	9.03	N/A
DT054	(Desktop Only)	-	-	Retain	38.05	N/A
DT055	(Desktop Only)	-	-	Retain	16.47	N/A
DT056	(Desktop Only)	-	-	Retain	26.72	N/A
DT057	(Desktop Only)	-	-	Retain	7.98	N/A
DT058	(Desktop Only)	-	-	Retain	16.98	N/A
DT059	(Desktop Only)	-	-	Retain	64.07	N/A
DT060	(Desktop Only)	-	-	Retain	18.05	N/A
DT061	(Desktop Only)	-	-	Retain	39.16	N/A
DT062	(Desktop Only)	-	-	Retain	21.50	N/A
DT063	(Desktop Only)	-	-	Retain	70.59	N/A
DT064	(Desktop Only)	-	-	Retain	37.37	N/A
DT065	(Desktop Only)	-	-	Remove	207.47	N/A
DT066	(Desktop Only)	-	-	Retain	88.49	N/A
DT067	(Desktop Only)	-	-	Retain	3.24	N/A
DT068	(Desktop Only)	-	-	Retain	12.53	N/A
DT069	(Desktop Only)	-	-	Retain	4.39	N/A
DT070	(Desktop Only)	-	-	Retain	6.71	N/A
DT071	(Desktop Only)	-	-	Retain	4.88	N/A
DT075	(Desktop Only)	-	-	Remove	7.89	N/A
DT076	(Desktop Only)	-	-	Retain	13.06	N/A
DT077	(Desktop Only)	-	-	Retain	22.95	N/A
DT078	(Desktop Only)	-	-	Retain	6.26	N/A
DT079	(Desktop Only)	-	-	Retain	5.61	N/A
DT080	(Desktop Only)	-	-	Retain	6.97	N/A
DT081	(Desktop Only)	-	-	Retain	8.46	N/A
DT082	(Desktop Only)	-	-	Retain	4.00	N/A
DT083	(Desktop Only)	-	-	Retain	8.12	N/A
DT084	(Desktop Only)	-	-	Retain	28.21	N/A
DT086	(Desktop Only)	-	-	Retain	69.42	N/A

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
DT087	(Desktop Only)	-	-	Retain	25.47	N/A
DT089	(Desktop Only)	-	-	Retain	75.06	N/A
DT090	(Desktop Only)	-	-	Retain	47.07	N/A
DT091	(Desktop Only)	-	-	Retain	10.77	N/A
DT093	(Desktop Only)	-	-	Retain	141.55	N/A
DT094	(Desktop Only)	-	-	Retain	10.27	N/A
DT098	(Desktop Only)	-	-	Retain	22.78	N/A
DT099	(Desktop Only)	-	-	Remove	35.43	N/A
DT100	(Desktop Only)	-	-	Retain	12.59	N/A
DT101	(Desktop Only)	-	-	Retain	9.30	N/A
DT102	(Desktop Only)	-	-	Retain	17.49	N/A
DT103	(Desktop Only)	-	-	Retain	9.80	N/A
DT104	(Desktop Only)	-	-	Retain	57.34	N/A
DT105	(Desktop Only)	-	-	Retain	36.10	N/A
DT106	(Desktop Only)	-	-	Retain	28.86	N/A
DT107	(Desktop Only)	-	-	Retain	27.13	N/A
DT108	(Desktop Only)	-	-	Retain	37.93	N/A
DT109	(Desktop Only)	-	-	Retain	38.73	N/A
DT110	(Desktop Only)	-	-	Retain	36.38	N/A
DT111	(Desktop Only)	-	-	Retain	29.81	N/A
DT112	(Desktop Only)	-	-	Retain	14.55	N/A
DT113	(Desktop Only)	-	-	Retain	19.11	N/A
DT114	(Desktop Only)	-	-	Retain	24.76	N/A
DT115	(Desktop Only)	-	-	Retain	34.38	N/A
DT116	(Desktop Only)	-	-	Remove	4.84	N/A
DT117	(Desktop Only)	-	-	Retain	77.27	N/A
DT118	(Desktop Only)	-	-	Retain	88.15	N/A
DT119	(Desktop Only)	-	-	Retain	11.13	N/A
DT120	(Desktop Only)	-	-	Remove	32.91	N/A
DT121	(Desktop Only)	-	-	Retain	30.55	N/A
DT122	(Desktop Only)	-	-	Retain	70.74	N/A
DT123	(Desktop Only)	-	-	Retain	96.27	N/A
DT124	(Desktop Only)	-	-	Retain	52.16	N/A
DT125	(Desktop Only)	-	-	Retain	18.87	N/A
DT126	(Desktop Only)	-	-	Retain	52.75	N/A
DT127	(Desktop Only)	-	-	Retain	38.48	N/A
DT128	(Desktop Only)	-	-	Retain	35.91	N/A
DT129	(Desktop Only)	-	-	Retain	14.58	N/A
DT130	(Desktop Only)	-	-	Retain	17.74	N/A
DT131	(Desktop Only)	-	-	Retain	26.81	N/A
DT132	(Desktop Only)	-	-	Retain	18.70	N/A
DT133	(Desktop Only)	-	-	Retain	3.31	N/A
DT134	(Desktop Only)	-	-	Retain	16.63	N/A
DT135	(Desktop Only)	-	-	Retain	6.69	N/A
DT137	(Desktop Only)	-	-	Retain	5.12	N/A
DT138	(Desktop Only)	-	-	Retain	12.36	N/A
DT139	(Desktop Only)	-	-	Retain	36.69	N/A
DT140	(Desktop Only)	-	-	Retain	40.97	N/A
DT141	(Desktop Only)	-	-	Retain	39.21	N/A
DT142	(Desktop Only)	-	-	Retain	28.62	N/A
DT143	(Desktop Only)	-	-	Remove	5.96	N/A
DT144	(Desktop Only)	-	-	Retain	20.78	N/A
DT145	(Desktop Only)	-	-	Retain	7.65	N/A
DT146	(Desktop Only)	-	-	Retain	16.80	N/A
DT147	(Desktop Only)	-	-	Retain	4.81	N/A
DT148	(Desktop Only)	-	-	Retain	22.73	N/A
DT149	(Desktop Only)	-	-	Retain	76.36	N/A

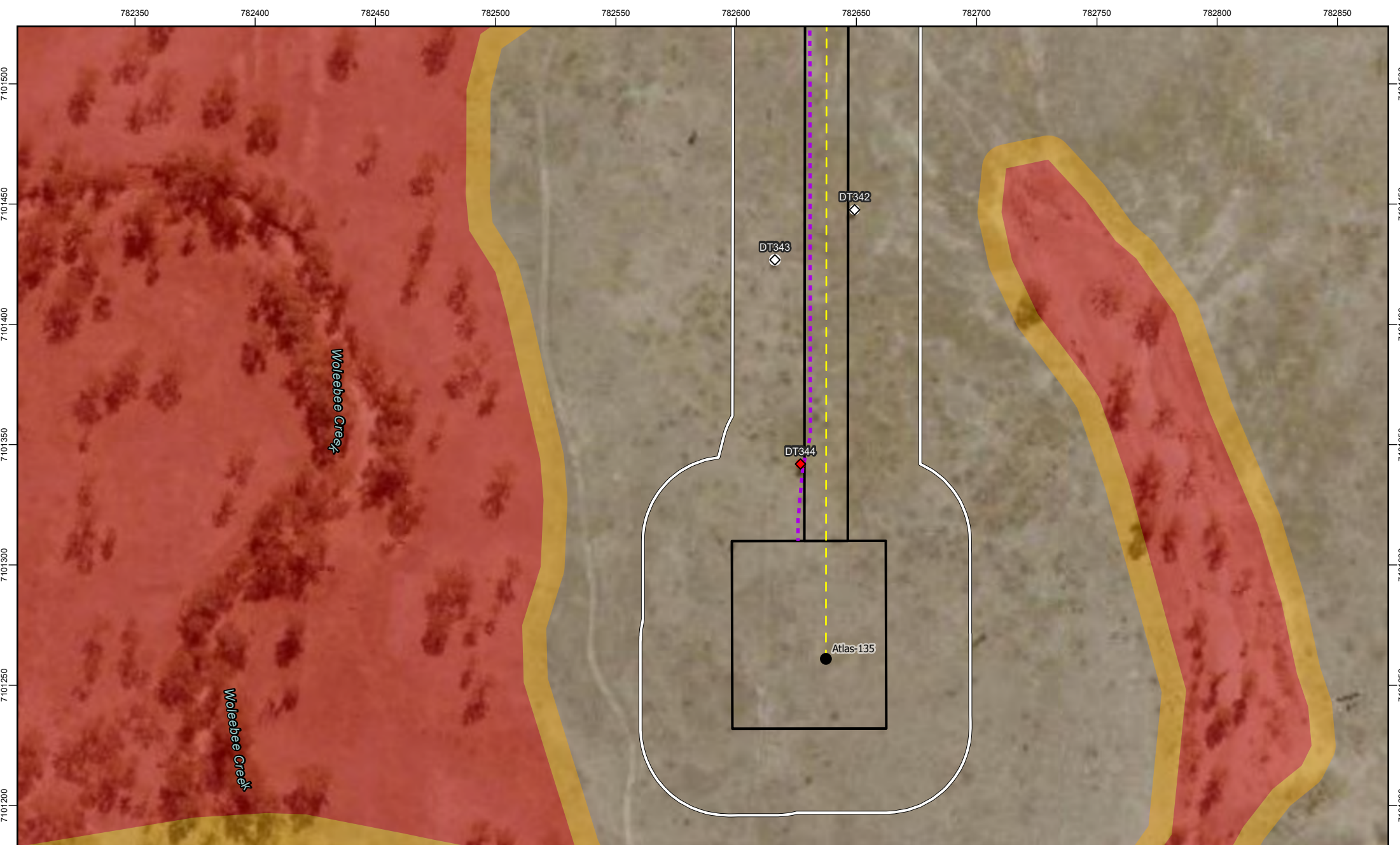
Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
DT150	(Desktop Only)	-	-	Retain	66.69	N/A
DT151	(Desktop Only)	-	-	Retain	73.95	N/A
DT152	(Desktop Only)	-	-	Remove	31.05	N/A
DT153	(Desktop Only)	-	-	Retain	73.66	N/A
DT154	(Desktop Only)	-	-	Retain	247.86	N/A
DT155	(Desktop Only)	-	-	Retain	66.34	N/A
DT156	(Desktop Only)	-	-	Retain	21.69	N/A
DT157	(Desktop Only)	-	-	Retain	30.55	N/A
DT158	(Desktop Only)	-	-	Retain	16.64	N/A
DT159	(Desktop Only)	-	-	Retain	2.80	N/A
DT160	(Desktop Only)	-	-	Retain	5.96	N/A
DT161	(Desktop Only)	-	-	Retain	6.43	N/A
DT162	(Desktop Only)	-	-	Retain	7.92	N/A
DT163	(Desktop Only)	-	-	Retain	4.63	N/A
DT164	(Desktop Only)	-	-	Retain	3.57	N/A
DT165	(Desktop Only)	-	-	Retain	3.80	N/A
DT166	(Desktop Only)	-	-	Remove	2.41	N/A
DT167	(Desktop Only)	-	-	Retain	4.89	N/A
DT168	(Desktop Only)	-	-	Retain	3.47	N/A
DT169	(Desktop Only)	-	-	Retain	7.58	N/A
DT170	(Desktop Only)	-	-	Retain	68.34	N/A
DT171	(Desktop Only)	-	-	Retain	14.59	N/A
DT172	(Desktop Only)	-	-	Retain	32.00	N/A
DT173	(Desktop Only)	-	-	Retain	9.15	N/A
DT174	(Desktop Only)	-	-	Retain	18.41	N/A
DT175	(Desktop Only)	-	-	Retain	24.61	N/A
DT176	(Desktop Only)	-	-	Retain	12.29	N/A
DT177	(Desktop Only)	-	-	Retain	15.94	N/A
DT178	(Desktop Only)	-	-	Retain	21.55	N/A
DT179	(Desktop Only)	-	-	Retain	14.93	N/A
DT180	(Desktop Only)	-	-	Retain	16.52	N/A
DT181	(Desktop Only)	-	-	Remove	5.77	N/A
DT182	(Desktop Only)	-	-	Retain	6.08	N/A
DT183	(Desktop Only)	-	-	Retain	4.68	N/A
DT184	(Desktop Only)	-	-	Retain	3.94	N/A
DT185	(Desktop Only)	-	-	Retain	13.65	N/A
DT186	(Desktop Only)	-	-	Retain	13.11	N/A
DT187	(Desktop Only)	-	-	Retain	5.32	N/A
DT188	(Desktop Only)	-	-	Retain	5.01	N/A
DT189	(Desktop Only)	-	-	Retain	7.88	N/A
DT190	(Desktop Only)	-	-	Retain	8.25	N/A
DT191	(Desktop Only)	-	-	Retain	10.37	N/A
DT192	(Desktop Only)	-	-	Retain	17.79	N/A
DT193	(Desktop Only)	-	-	Retain	6.70	N/A
DT194	(Desktop Only)	-	-	Retain	6.44	N/A
DT195	(Desktop Only)	-	-	Retain	18.40	N/A
DT196	(Desktop Only)	-	-	Retain	3.24	N/A
DT197	(Desktop Only)	-	-	Retain	20.07	N/A
DT198	(Desktop Only)	-	-	Retain	153.07	N/A
DT199	(Desktop Only)	-	-	Retain	56.74	N/A
DT200	(Desktop Only)	-	-	Retain	9.96	N/A
DT201	(Desktop Only)	-	-	Retain	32.56	N/A
DT202	(Desktop Only)	-	-	Retain	8.85	N/A
DT203	(Desktop Only)	-	-	Retain	9.70	N/A
DT204	(Desktop Only)	-	-	Retain	12.64	N/A
DT205	(Desktop Only)	-	-	Retain	6.22	N/A
DT206	(Desktop Only)	-	-	Retain	7.43	N/A

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
DT207	(Desktop Only)	-	-	Retain	17.28	N/A
DT208	(Desktop Only)	-	-	Retain	7.85	N/A
DT209	(Desktop Only)	-	-	Retain	9.10	N/A
DT210	(Desktop Only)	-	-	Retain	6.31	N/A
DT211	(Desktop Only)	-	-	Retain	7.34	N/A
DT212	(Desktop Only)	-	-	Retain	6.22	N/A
DT213	(Desktop Only)	-	-	Retain	4.62	N/A
DT214	(Desktop Only)	-	-	Retain	4.33	N/A
DT215	(Desktop Only)	-	-	Retain	3.99	N/A
DT216	(Desktop Only)	-	-	Retain	6.26	N/A
DT217	(Desktop Only)	-	-	Retain	6.35	N/A
DT218	(Desktop Only)	-	-	Retain	14.21	N/A
DT219	(Desktop Only)	-	-	Remove	59.86	N/A
DT220	(Desktop Only)	-	-	Remove	5.96	N/A
DT221	(Desktop Only)	-	-	Remove	2.07	N/A
DT222	(Desktop Only)	-	-	Remove	3.07	N/A
DT223	(Desktop Only)	-	-	Retain	2.35	N/A
DT224	(Desktop Only)	-	-	Retain	7.74	N/A
DT225	(Desktop Only)	-	-	Retain	5.93	N/A
DT226	(Desktop Only)	-	-	Retain	6.68	N/A
DT227	(Desktop Only)	-	-	Retain	35.74	N/A
DT228	(Desktop Only)	-	-	Remove	12.79	N/A
DT229	(Desktop Only)	-	-	Remove	31.79	N/A
DT230	(Desktop Only)	-	-	Retain	15.82	N/A
DT231	(Desktop Only)	-	-	Retain	12.52	N/A
DT232	(Desktop Only)	-	-	Retain	20.29	N/A
DT233	(Desktop Only)	-	-	Retain	16.07	N/A
DT234	(Desktop Only)	-	-	Remove	10.76	N/A
DT235	(Desktop Only)	-	-	Retain	7.77	N/A
DT236	(Desktop Only)	-	-	Retain	4.25	N/A
DT237	(Desktop Only)	-	-	Retain	7.43	N/A
DT238	(Desktop Only)	-	-	Retain	2.34	N/A
DT239	(Desktop Only)	-	-	Retain	2.67	N/A
DT240	(Desktop Only)	-	-	Retain	2.69	N/A
DT241	(Desktop Only)	-	-	Retain	10.11	N/A
DT242	(Desktop Only)	-	-	Retain	3.25	N/A
DT243	(Desktop Only)	-	-	Retain	3.53	N/A
DT244	(Desktop Only)	-	-	Retain	1.28	N/A
DT245	(Desktop Only)	-	-	Remove	3.94	N/A
DT246	(Desktop Only)	-	-	Retain	17.56	N/A
DT247	(Desktop Only)	-	-	Retain	65.12	N/A
DT248	(Desktop Only)	-	-	Retain	32.68	N/A
DT249	(Desktop Only)	-	-	Retain	98.28	N/A
DT250	(Desktop Only)	-	-	Retain	11.40	N/A
DT251	(Desktop Only)	-	-	Retain	11.56	N/A
DT252	(Desktop Only)	-	-	Retain	8.50	N/A
DT253	(Desktop Only)	-	-	Retain	4.15	N/A
DT254	(Desktop Only)	-	-	Remove	1.24	N/A
DT255	(Desktop Only)	-	-	Retain	5.26	N/A
DT256	(Desktop Only)	-	-	Retain	3.07	N/A
DT257	(Desktop Only)	-	-	Retain	9.07	N/A
DT258	(Desktop Only)	-	-	Retain	11.38	N/A
DT259	(Desktop Only)	-	-	Remove	5.60	N/A
DT260	(Desktop Only)	-	-	Remove	6.64	N/A
DT261	(Desktop Only)	-	-	Remove	6.90	N/A
DT262	(Desktop Only)	-	-	Retain	2.69	N/A
DT263	(Desktop Only)	-	-	Retain	5.55	N/A

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
DT264	(Desktop Only)	-	-	Retain	8.04	N/A
DT265	(Desktop Only)	-	-	Retain	37.07	N/A
DT266	(Desktop Only)	-	-	Retain	7.39	N/A
DT267	(Desktop Only)	-	-	Retain	18.03	N/A
DT268	(Desktop Only)	-	-	Retain	3.39	N/A
DT269	(Desktop Only)	-	-	Retain	7.00	N/A
DT270	(Desktop Only)	-	-	Retain	3.04	N/A
DT271	(Desktop Only)	-	-	Retain	1.95	N/A
DT272	(Desktop Only)	-	-	Retain	5.66	N/A
DT273	(Desktop Only)	-	-	Retain	5.32	N/A
DT274	(Desktop Only)	-	-	Retain	3.45	N/A
DT275	(Desktop Only)	-	-	Retain	3.08	N/A
DT276	(Desktop Only)	-	-	Remove	27.91	N/A
DT277	(Desktop Only)	-	-	Retain	9.37	N/A
DT278	(Desktop Only)	-	-	Retain	8.18	N/A
DT279	(Desktop Only)	-	-	Retain	9.09	N/A
DT281	(Desktop Only)	-	-	Remove	73.58	N/A
DT282	(Desktop Only)	-	-	Retain	188.79	N/A
DT283	(Desktop Only)	-	-	Retain	171.38	N/A
DT284	(Desktop Only)	-	-	Retain	17.69	N/A
DT285	(Desktop Only)	-	-	Retain	56.14	N/A
DT286	(Desktop Only)	-	-	Retain	17.70	N/A
DT287	(Desktop Only)	-	-	Remove	3.79	N/A
DT288	(Desktop Only)	-	-	Remove	4.16	N/A
DT289	(Desktop Only)	-	-	Remove	3.00	N/A
DT290	(Desktop Only)	-	-	Remove	2.76	N/A
DT291	(Desktop Only)	-	-	Remove	2.67	N/A
DT292	(Desktop Only)	-	-	Remove	2.52	N/A
DT293	(Desktop Only)	-	-	Remove	4.25	N/A
DT294	(Desktop Only)	-	-	Retain	4.03	N/A
DT295	(Desktop Only)	-	-	Retain	482.00	N/A
DT300	(Desktop Only)	-	-	Remove	2.28	N/A
DT301	(Desktop Only)	-	-	Retain	3.11	N/A
DT303	(Desktop Only)	-	-	Retain	8.33	N/A
DT304	(Desktop Only)	-	-	Retain	6.63	N/A
DT305	(Desktop Only)	-	-	Retain	12.97	N/A
DT306	(Desktop Only)	-	-	Retain	79.35	N/A
DT307	(Desktop Only)	-	-	Retain	17.68	N/A
DT308	(Desktop Only)	-	-	Retain	14.49	N/A
DT309	(Desktop Only)	-	-	Retain	9.86	N/A
DT310	(Desktop Only)	-	-	Remove	3.13	N/A
DT311	(Desktop Only)	-	-	Remove	6.59	N/A
DT312	(Desktop Only)	-	-	Retain	90.66	N/A
DT313	(Desktop Only)	-	-	Retain	21.27	N/A
DT314	(Desktop Only)	-	-	Retain	19.76	N/A
DT315	(Desktop Only)	-	-	Remove	1.85	N/A
DT316	(Desktop Only)	-	-	Retain	84.18	N/A
DT317	(Desktop Only)	-	-	Retain	16.30	N/A
DT318	(Desktop Only)	-	-	Retain	31.62	N/A
DT319	(Desktop Only)	-	-	Retain	39.10	N/A
DT320	(Desktop Only)	-	-	Retain	56.65	N/A
DT321	(Desktop Only)	-	-	Retain	20.52	N/A
DT322	(Desktop Only)	-	-	Retain	36.84	N/A
DT323	(Desktop Only)	-	-	Remove	12.87	N/A
DT324	(Desktop Only)	-	-	Remove	24.27	N/A
DT325	(Desktop Only)	-	-	Remove	33.28	N/A
DT326	(Desktop Only)	-	-	Retain	23.77	N/A

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
DT327	(Desktop Only)	-	-	Remove	5.36	N/A
DT328	(Desktop Only)	-	-	Remove	3.74	N/A
DT329	(Desktop Only)	-	-	Retain	3.31	N/A
DT330	(Desktop Only)	-	-	Retain	4.37	N/A
DT331	(Desktop Only)	-	-	Retain	2.65	N/A
DT332	(Desktop Only)	-	-	Retain	2.88	N/A
DT333	(Desktop Only)	-	-	Remove	3.68	N/A
DT334	(Desktop Only)	-	-	Remove	5.34	N/A
DT335	(Desktop Only)	-	-	Remove	3.64	N/A
DT336	(Desktop Only)	-	-	Retain	5.82	N/A
DT337	(Desktop Only)	-	-	Retain	7.26	N/A
DT338	(Desktop Only)	-	-	Retain	10.31	N/A
DT339	(Desktop Only)	-	-	Retain	2.14	N/A
DT340	(Desktop Only)	-	-	Remove	5.30	N/A
DT341	(Desktop Only)	-	-	Remove	2.04	N/A
DT342	(Desktop Only)	-	-	Retain	6.69	N/A
DT343	(Desktop Only)	-	-	Retain	9.72	N/A
DT344	(Desktop Only)	-	-	Remove	8.02	N/A
DT345	(Desktop Only)	-	-	Remove	7.88	N/A
DT346	(Desktop Only)	-	-	Retain	58.59	N/A
DT347	(Desktop Only)	-	-	Retain	60.88	N/A
DT348	(Desktop Only)	-	-	Retain	19.46	N/A
DT350	(Desktop Only)	-	-	Retain	10.30	N/A
DT351	(Desktop Only)	-	-	Retain	20.13	N/A
DT352	(Desktop Only)	-	-	Retain	44.85	N/A
DT353	(Desktop Only)	-	-	Retain	41.34	N/A
DT354	(Desktop Only)	-	-	Retain	6.32	N/A
DT355	(Desktop Only)	-	-	Retain	3.18	N/A
DT356	(Desktop Only)	-	-	Retain	5.04	N/A
DT357	(Desktop Only)	-	-	Retain	3.84	N/A
DT358	(Desktop Only)	-	-	Retain	33.48	N/A
DT359	(Desktop Only)	-	-	Retain	6.85	N/A
DT360	(Desktop Only)	-	-	Retain	1.48	N/A
DT361	(Desktop Only)	-	-	Retain	4.76	N/A
DT362	(Desktop Only)	-	-	Retain	4.14	N/A
DT363	(Desktop Only)	-	-	Retain	3.22	N/A
DT364	(Desktop Only)	-	-	Retain	5.09	N/A
DT365	(Desktop Only)	-	-	Retain	150.62	N/A
DT366	(Desktop Only)	-	-	Retain	5.29	N/A
DT375	(Desktop Only)	-	-	Retain	21.39	N/A
DT376	(Desktop Only)	-	-	Retain	5.43	N/A
DT377	(Desktop Only)	-	-	Retain	212.28	N/A
DT378	(Desktop Only)	-	-	Retain	74.52	N/A
DT379	(Desktop Only)	-	-	Retain	20.46	N/A
DT382	(Desktop Only)	-	-	Retain	3.33	N/A
DT383	(Desktop Only)	-	-	Retain	1.46	N/A
DT384	(Desktop Only)	-	-	Retain	3.42	N/A
DT385	(Desktop Only)	-	-	Retain	4.38	N/A
DT386	(Desktop Only)	-	-	Retain	40.24	N/A
DT387	(Desktop Only)	-	-	Retain	31.82	N/A
DT388	(Desktop Only)	-	-	Retain	6.50	N/A
DT389	(Desktop Only)	-	-	Retain	5.10	N/A
DT390	(Desktop Only)	-	-	Retain	5.90	N/A
DT391	(Desktop Only)	-	-	Remove	54.27	N/A
DT392	(Desktop Only)	-	-	Retain	11.37	N/A
DT393	(Desktop Only)	-	-	Retain	12.82	N/A
DT394	(Desktop Only)	-	-	Retain	13.30	N/A

Location (Desktop ID)	Species	DBH (cm)	Height (m)	Action	Area (sqm)	Photo
DT395	(Desktop Only)	-	-	Retain	11.48	N/A
DT396	(Desktop Only)	-	-	Retain	18.75	N/A
DT397	(Desktop Only)	-	-	Retain	10.95	N/A
DT398	(Desktop Only)	-	-	Retain	6.26	N/A
DT399	(Desktop Only)	-	-	Retain	8.32	N/A
DT400	(Desktop Only)	-	-	Retain	12.21	N/A
DT401	(Desktop Only)	-	-	Retain	27.04	N/A
DT402	(Desktop Only)	-	-	Retain	5.80	N/A
DT403	(Desktop Only)	-	-	Retain	10.55	N/A
DT404	(Desktop Only)	-	-	Retain	5.12	N/A
DT405	(Desktop Only)	-	-	Retain	4.24	N/A
DT406	(Desktop Only)	-	-	Retain	29.71	N/A
DT407	(Desktop Only)	-	-	Retain	21.38	N/A
DT408	(Desktop Only)	-	-	Retain	19.60	N/A
DT409	(Desktop Only)	-	-	Retain	6.84	N/A
DT410	(Desktop Only)	-	-	Retain	64.70	N/A
DT001	(Desktop Only)	-	-	Retain	42.92	N/A
Remove Total (sqm)	2626.90					
Remove Total (ha)	0.26					
Retain Total (sqm)	11,487.50					
Retain Total (ha)	1.15					



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FIGURE 3-6:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree	Proposed Wells	Pre-Clearance Survey Extent
Retain	Proposed Pipeline	Proposed RoW
Remove	Tracks	
Retain	Tracks (Proposed)	
Remove		



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Scale: 1:2,000

0 25 50
Metres

N

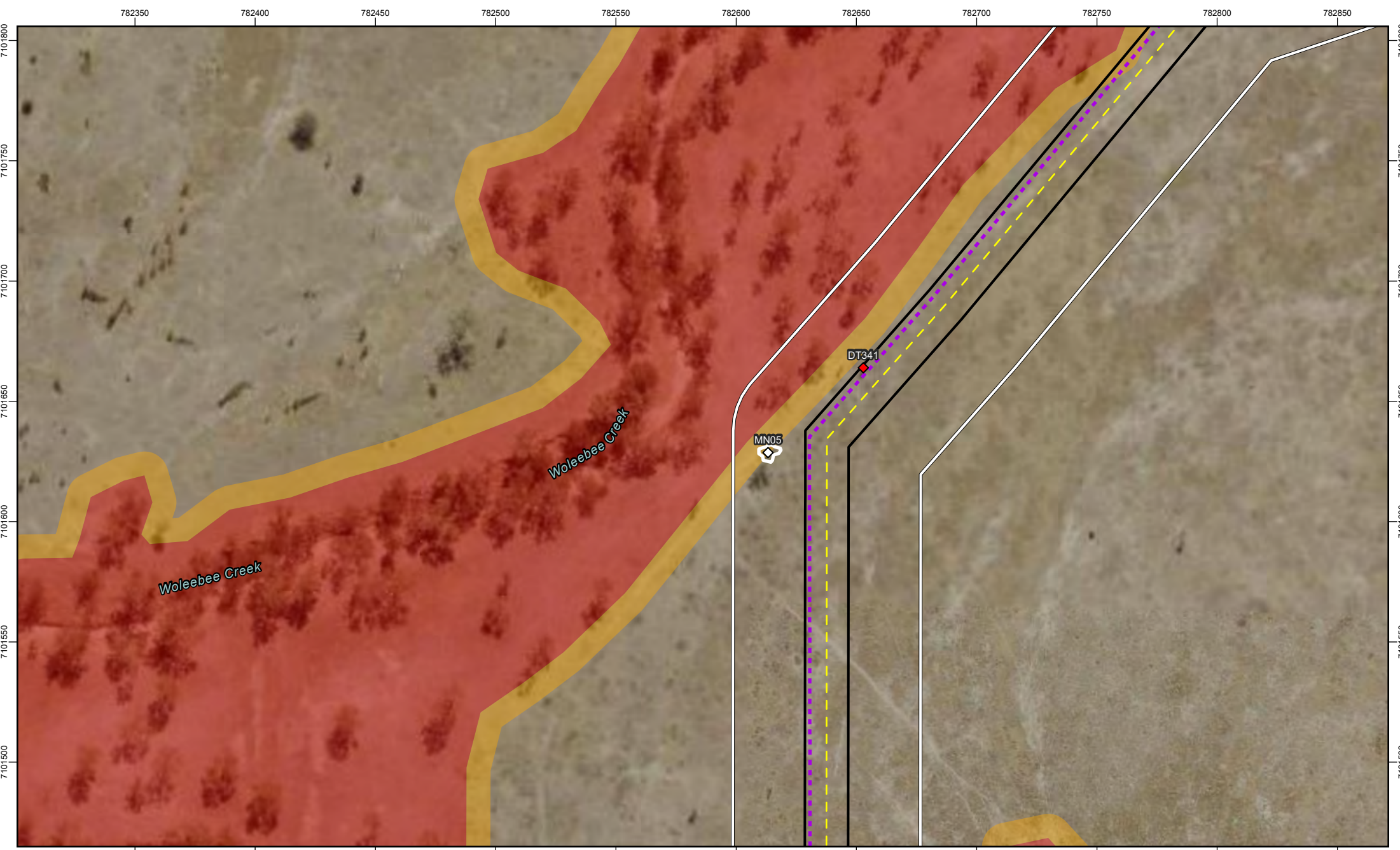




FIGURE 3-7:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Remove
-  Retain
-  Remove

-  Proposed Wells
-  Proposed Pipeline
-  Tracks
-  Tracks (Proposed)

-  Pre-Clearance Survey Extent
-  Proposed RoW



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Scale: 1:2,000

0 25 50
Metres

N

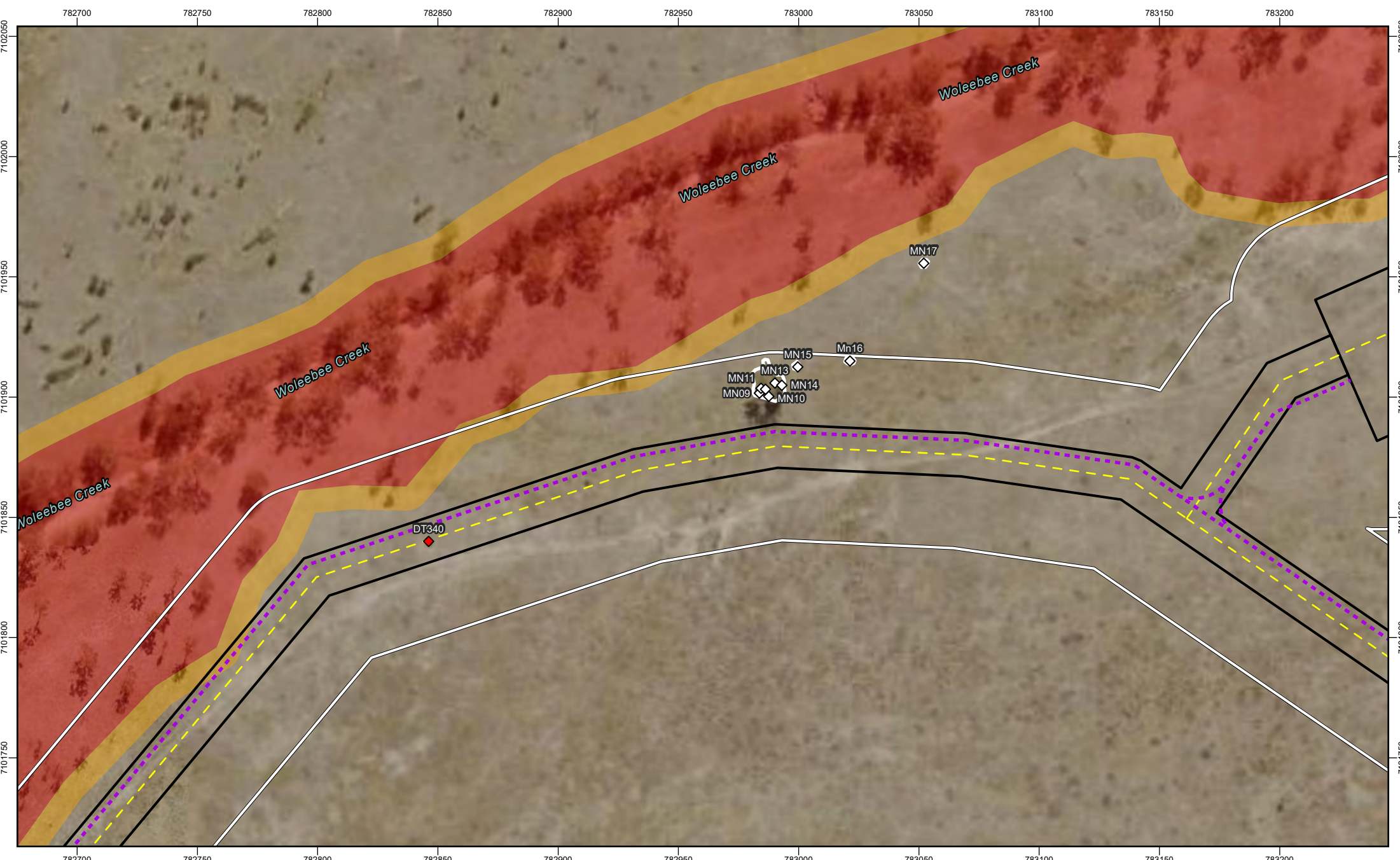




FIGURE 3-8:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

- Retain (white diamond)
- Remove (red diamond)
- Retain (white line)
- Remove (red line)

Proposed Wells

- Proposed Wells (black circle)

Proposed Pipeline

- Proposed Pipeline (dashed yellow line)

Tracks

- Tracks (dashed black line)
- Tracks (Proposed) (purple dotted line)

Pre-Clearance Survey Extent

- Pre-Clearance Survey Extent (white line)

Proposed RoW

- Proposed RoW (black line)



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0 25 50
Metres

N

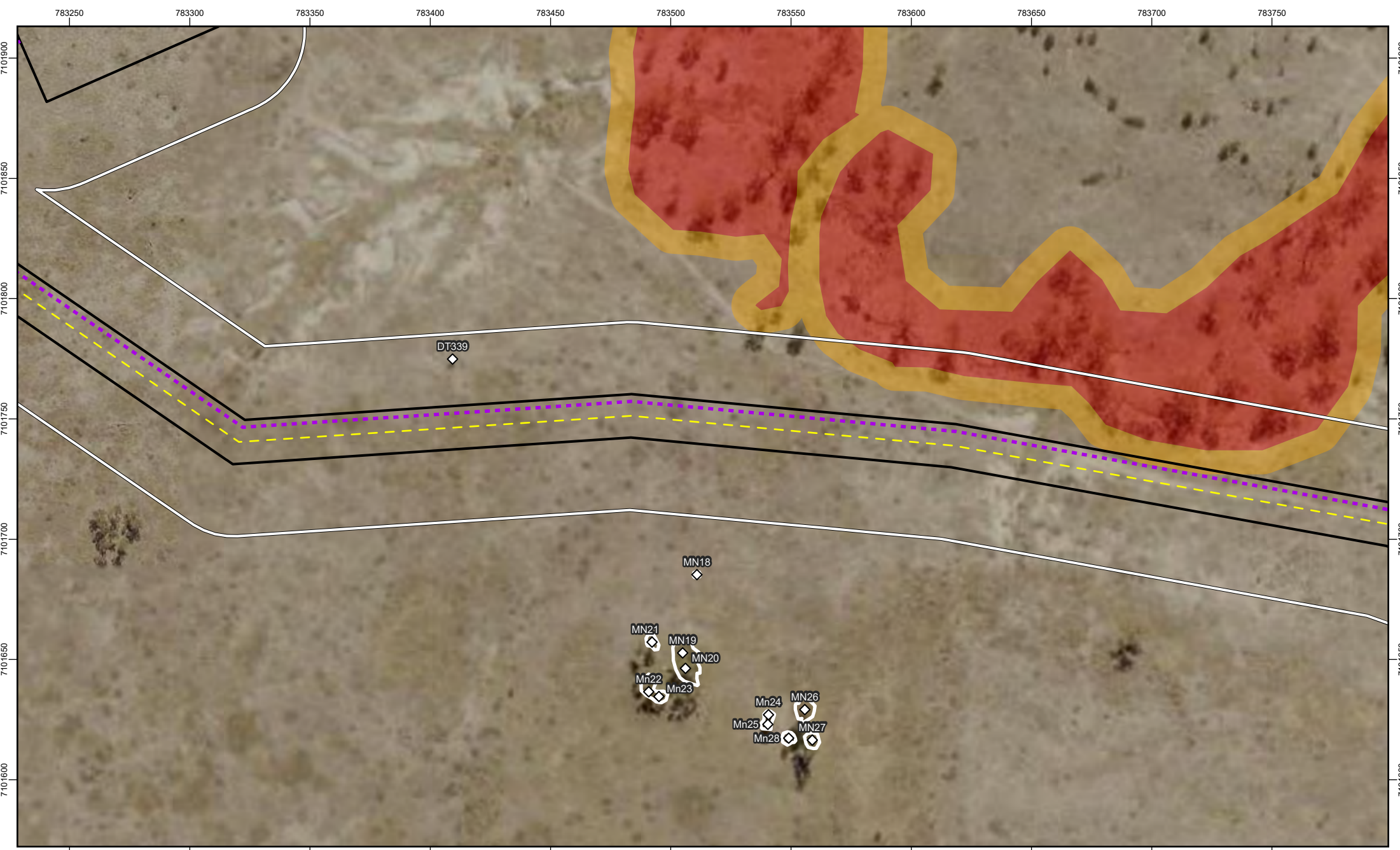




FIGURE 3-9:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Retain

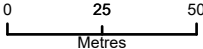
-  Proposed Wells
-  Proposed Pipeline
-  Tracks
-  Tracks (Proposed)

-  Pre-Clearance Survey Extent
-  Proposed RoW



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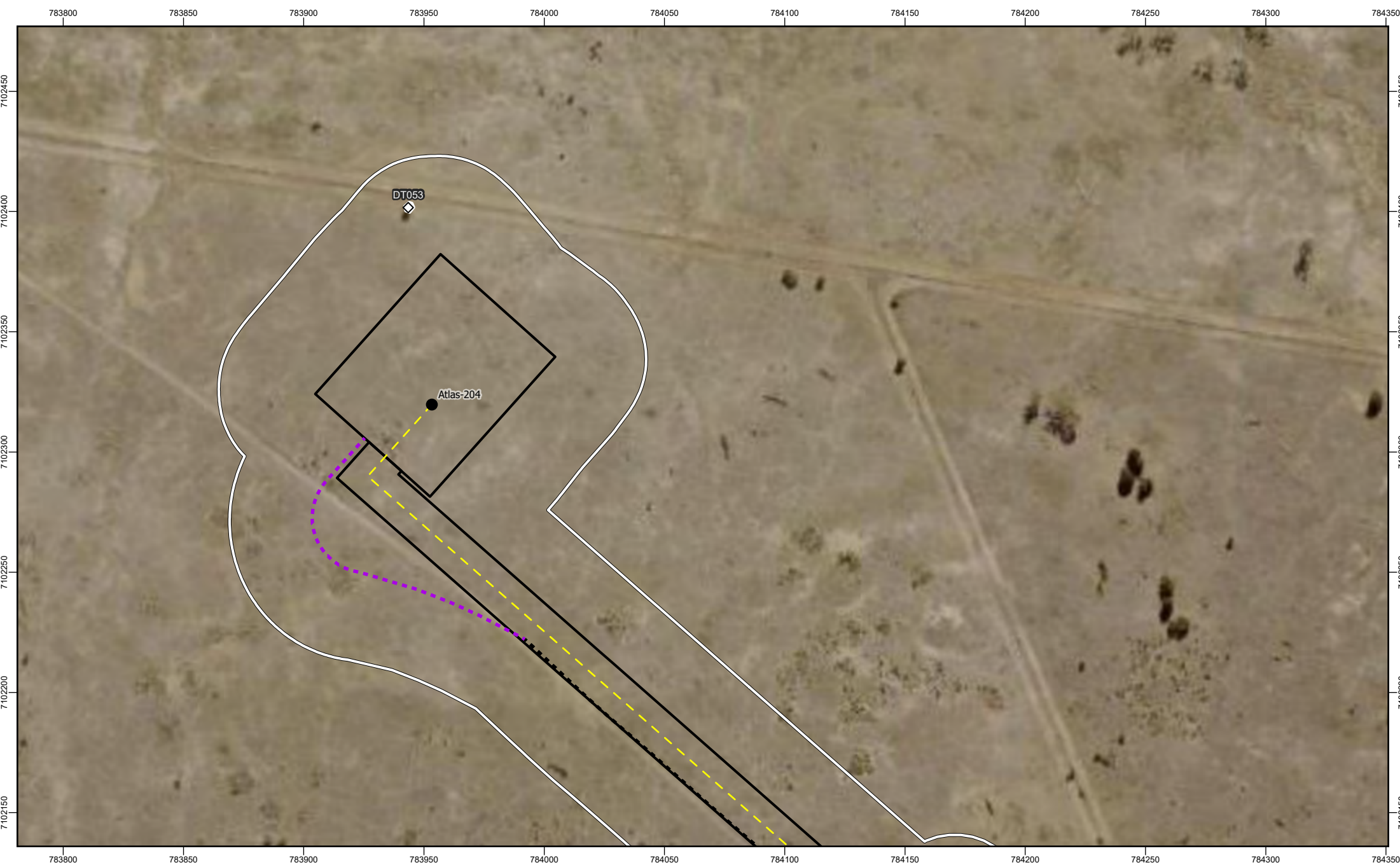




FIGURE 3-11:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Retain

-  Proposed Wells
-  Proposed Pipeline
-  Tracks
-  Tracks (Proposed)

-  Pre-Clearance Survey Extent
-  Proposed RoW



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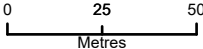






FIGURE 3-12:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Remove
-  Retain
-  Remove

Proposed Wells

- 

Proposed Pipeline

- 

Tracks

-  Tracks
-  Tracks (Proposed)

Pre-Clearance Survey Extent

- 

Proposed RoW

- 



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0 25 50
Metres

N

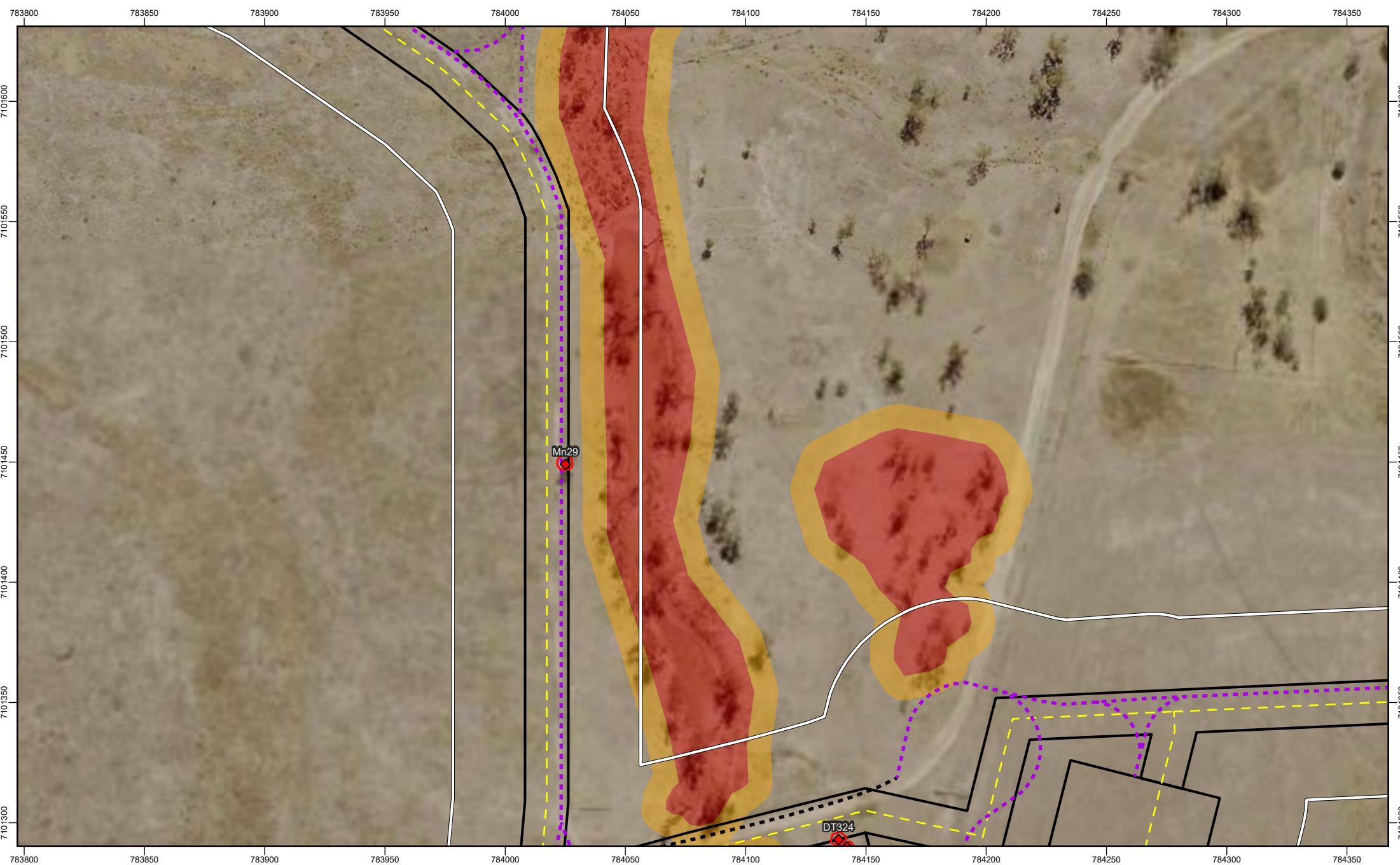




FIGURE 3-13:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Remove
-  Remove

Proposed Wells

- 

Proposed Pipeline

- 

Tracks

- 
-  Tracks (Proposed)

Pre-Clearance Survey Extent

- 

Proposed RoW

- 



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0 25 50
Metres

N

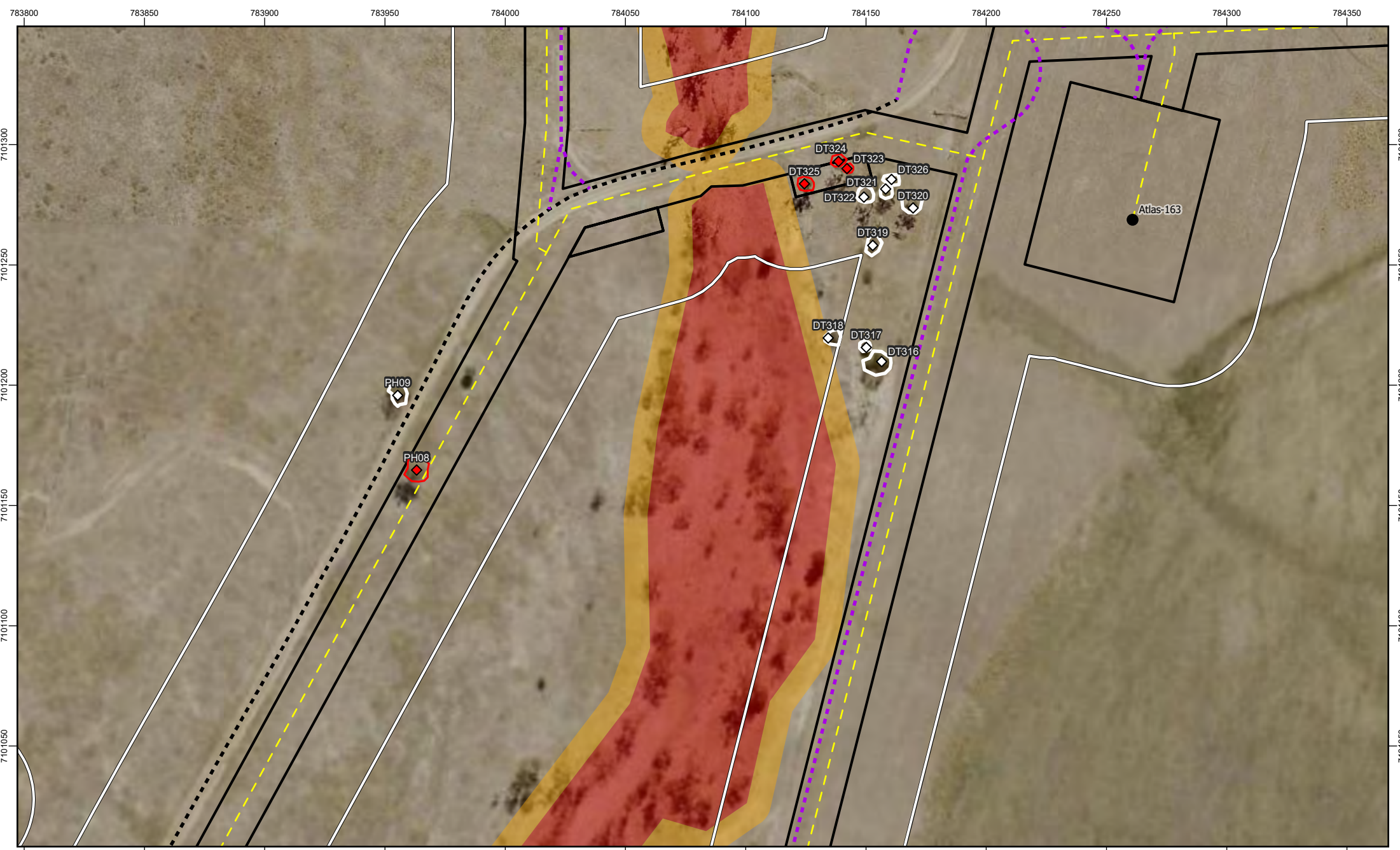




FIGURE 3-14:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Remove
-  Retain
-  Remove

-  Proposed Wells
-  Proposed Pipeline
-  Tracks
-  Tracks (Proposed)

-  Pre-Clearance Survey Extent
-  Proposed RoW



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Scale: 1:2,000

0 25 50
Metres

N

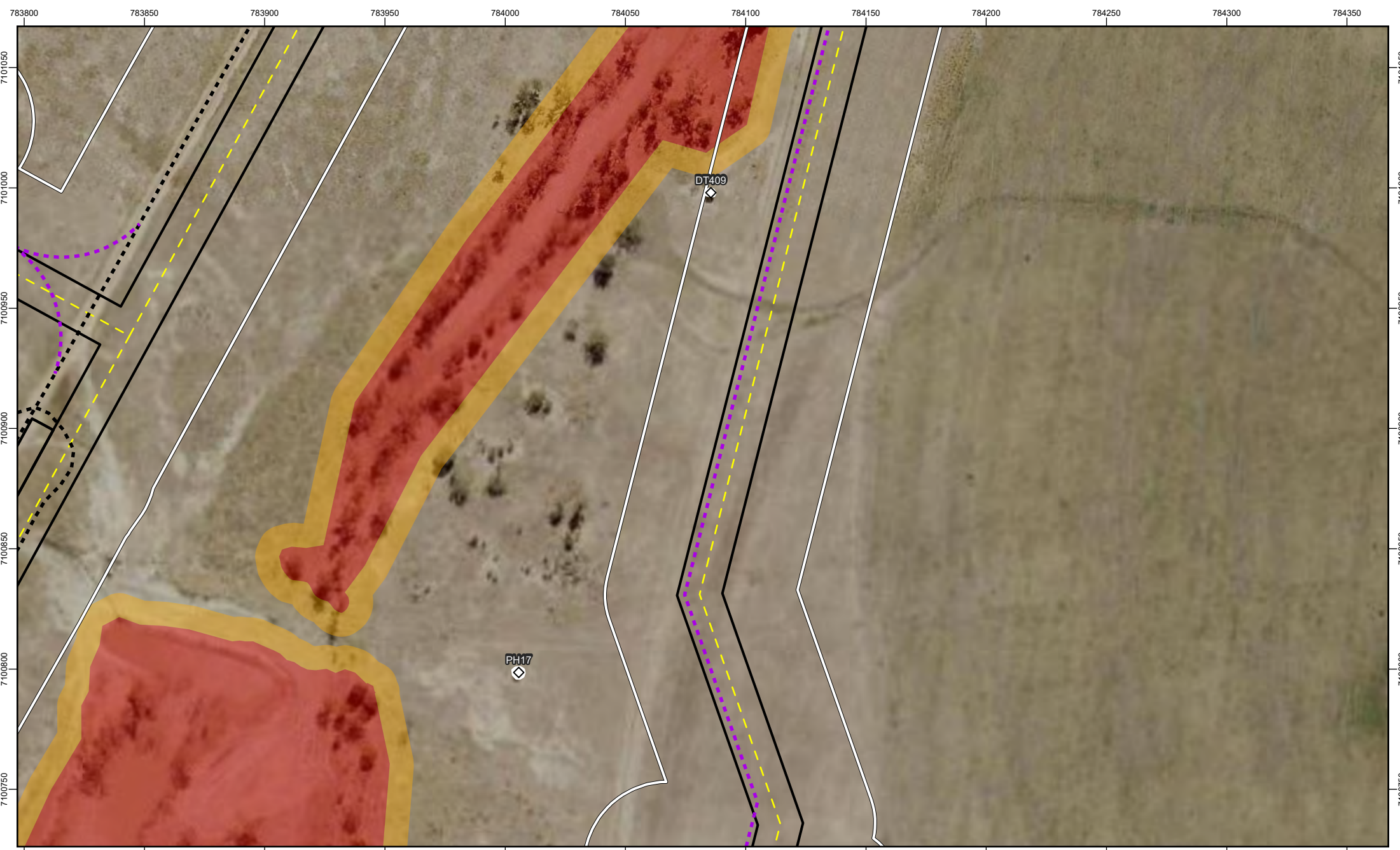




FIGURE 3-15:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Retain

-  Proposed Wells
-  Proposed Pipeline
-  Tracks
-  Tracks (Proposed)

-  Pre-Clearance Survey Extent
-  Proposed RoW



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Scale: 1:2,000

0 25 50
Metres

N





FIGURE 3-16:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Remove
-  Remove

-  Proposed Wells
-  Proposed Pipeline
-  Tracks
-  Tracks (Proposed)

-  Pre-Clearance Survey Extent
-  Proposed RoW



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Scale: 1:2,000

0 25 50
Metres

N

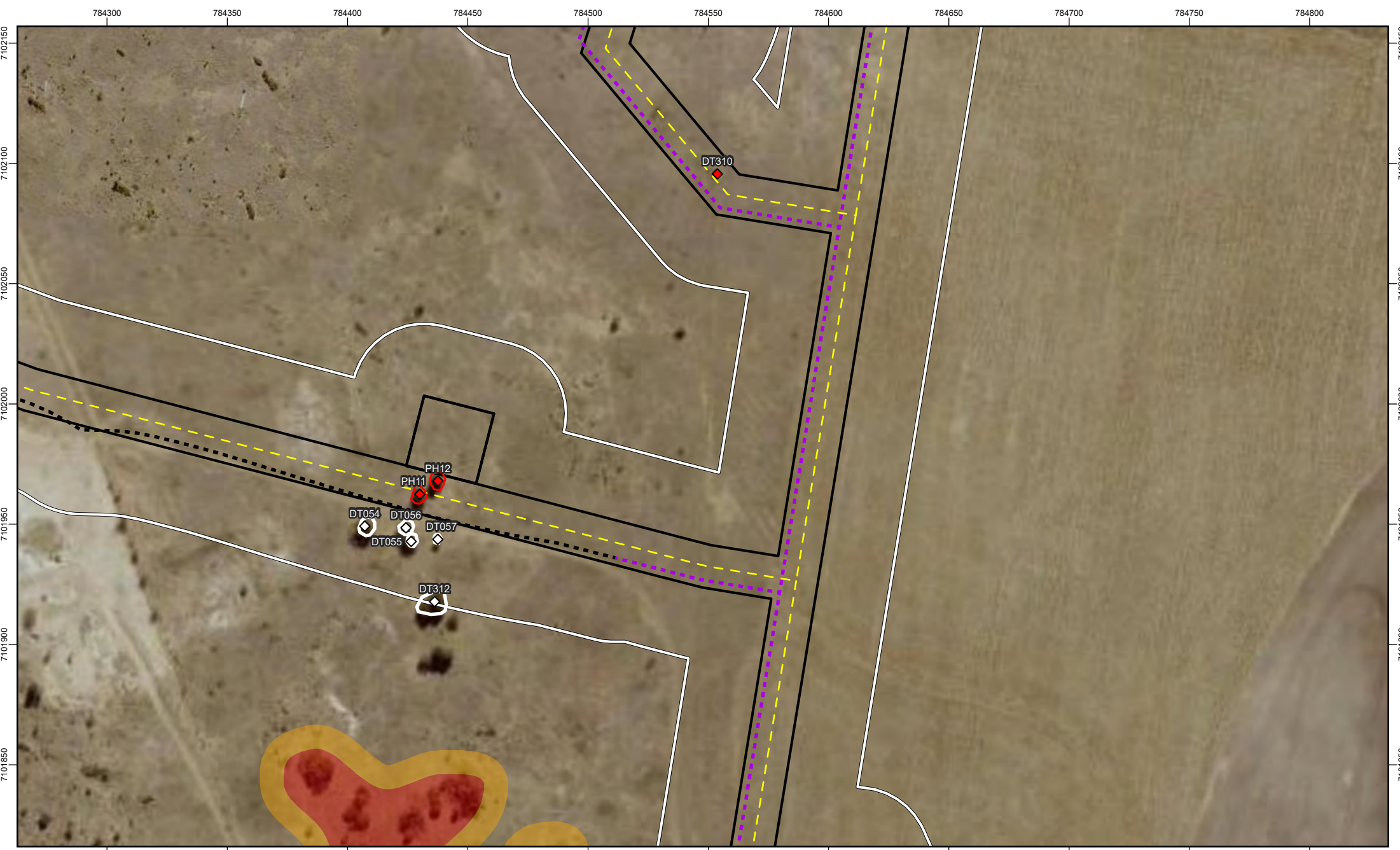




FIGURE 3-17:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

- Retain
- Remove

Proposed Wells

- Retain
- Remove

Proposed Pipeline

- Tracks
- Tracks (Proposed)

Pre-Clearance Survey Extent

Proposed RoW

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Scale: 1:2,000

0 25 50
Metres



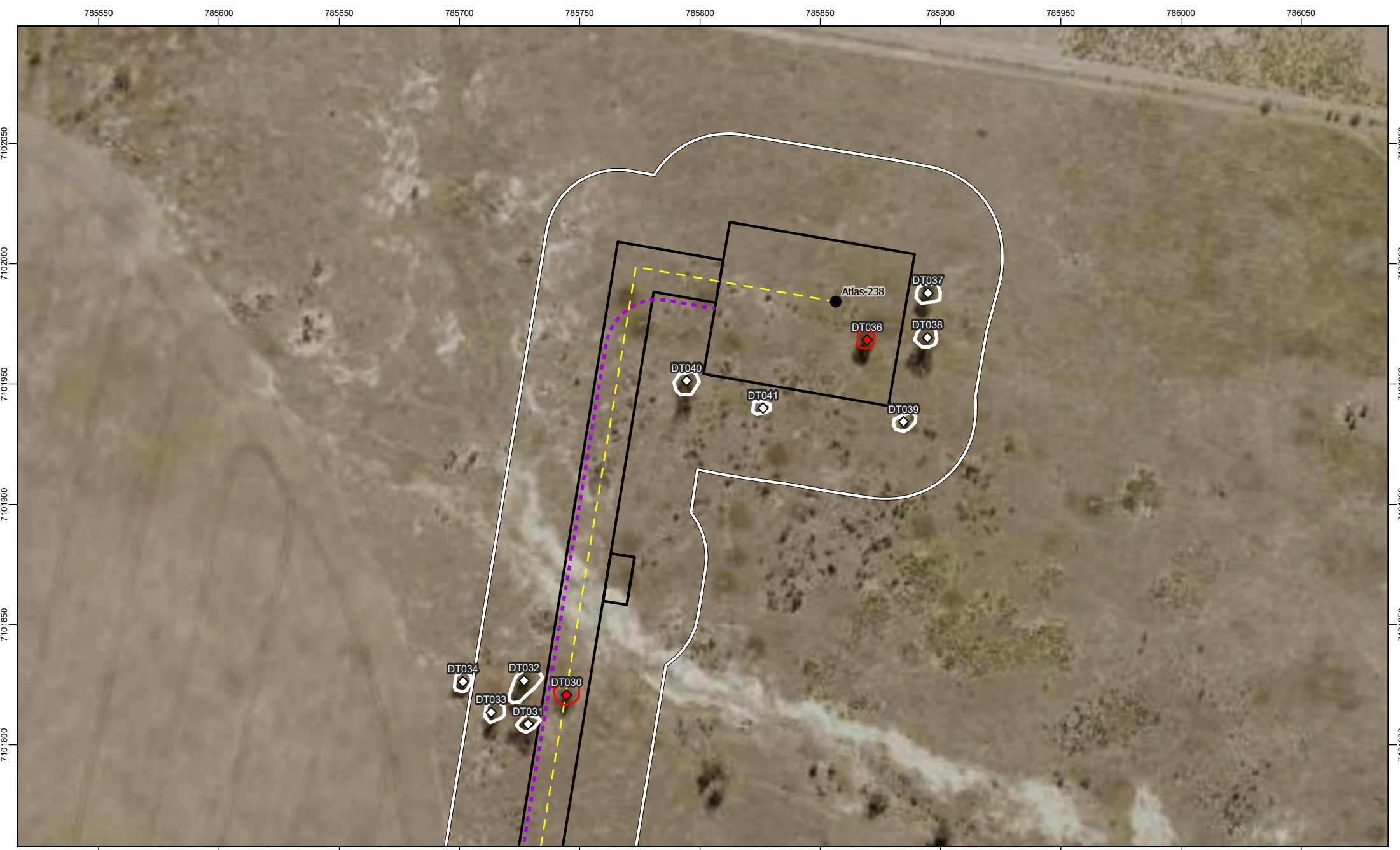




FIGURE 3-18:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree ◇ Retain ◇ Remove □ Retain □ Remove	 Proposed Wells Proposed Pipeline Tracks (Proposed) Tracks	 Pre-Clearance Survey Extent Proposed RoW
---	--	---

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Scale: 1:2,000

0 25 50

Metres



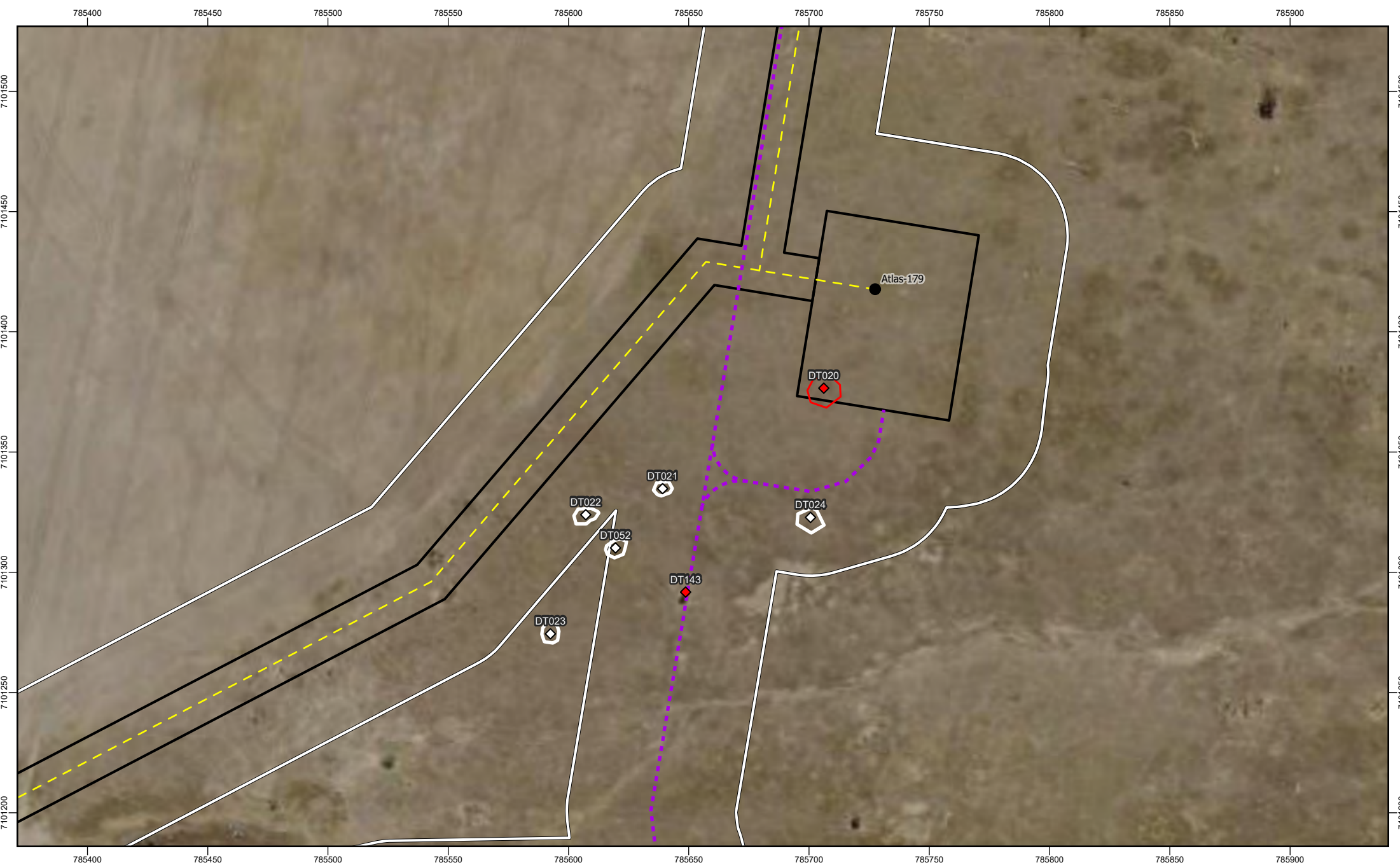




FIGURE 3-19:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

 Retain	 Proposed Wells	 Pre-Clearance Survey Extent
 Remove	 Proposed Pipeline	 Proposed RoW
 Retain	 Tracks	
 Remove	 Tracks (Proposed)	



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Scale: 1:2,000

0 25 50
Metres

N





FIGURE 3-20:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Retain

Proposed Wells

-  Proposed Wells

Proposed Pipeline

-  Proposed Pipeline

Tracks

-  Tracks
-  Tracks (Proposed)

Pre-Clearance Survey Extent

-  Pre-Clearance Survey Extent

Proposed RoW

-  Proposed RoW



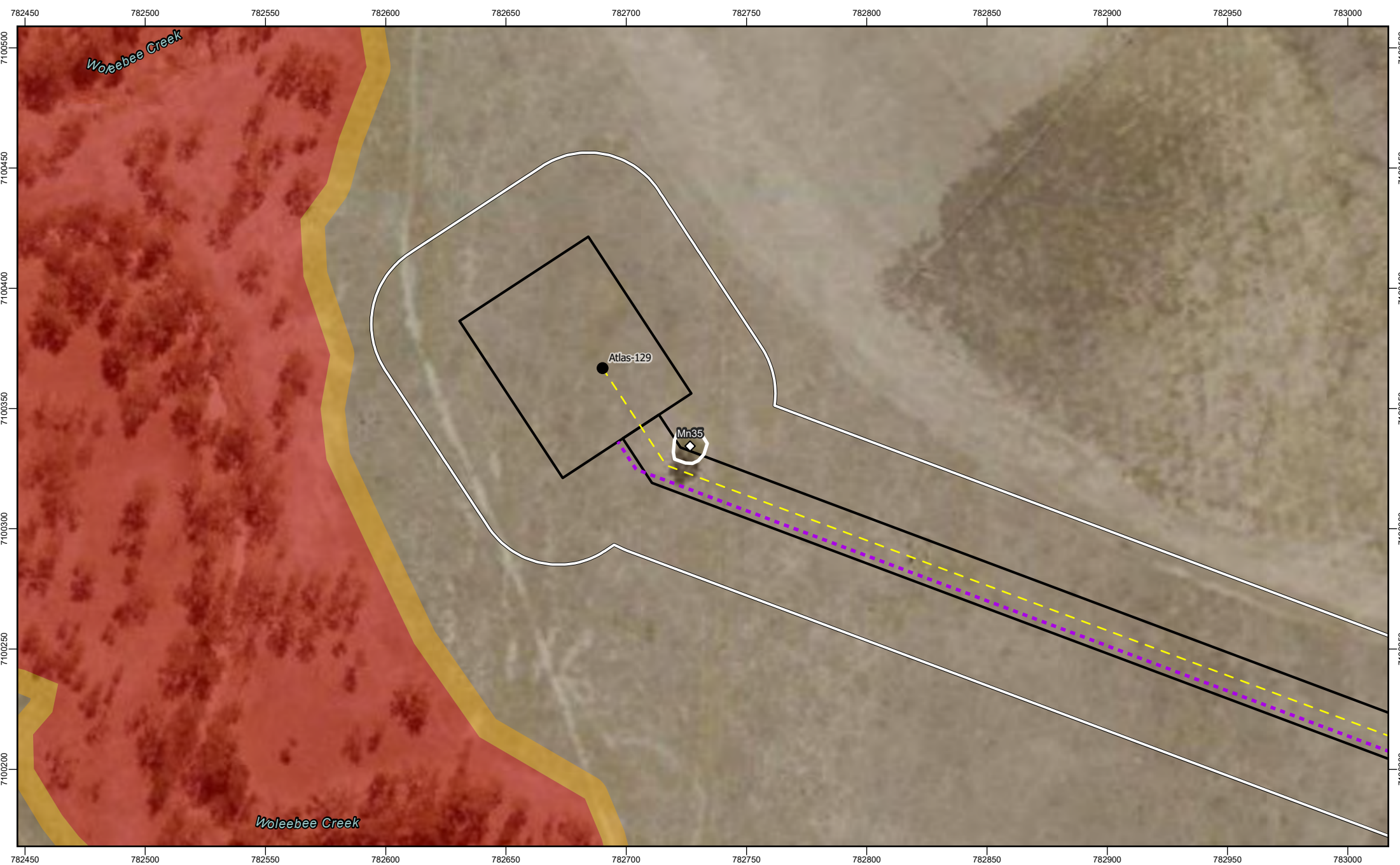
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0 25 50
Metres

N



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FIGURE 3-21:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree	● Proposed Wells	▭ Pre-Clearance Survey Extent
◊ Retain	— Proposed Pipeline	▭ Proposed RoW
▭ Retain	--- Tracks	
	--- Tracks (Proposed)	



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0 25 50
Metres

N

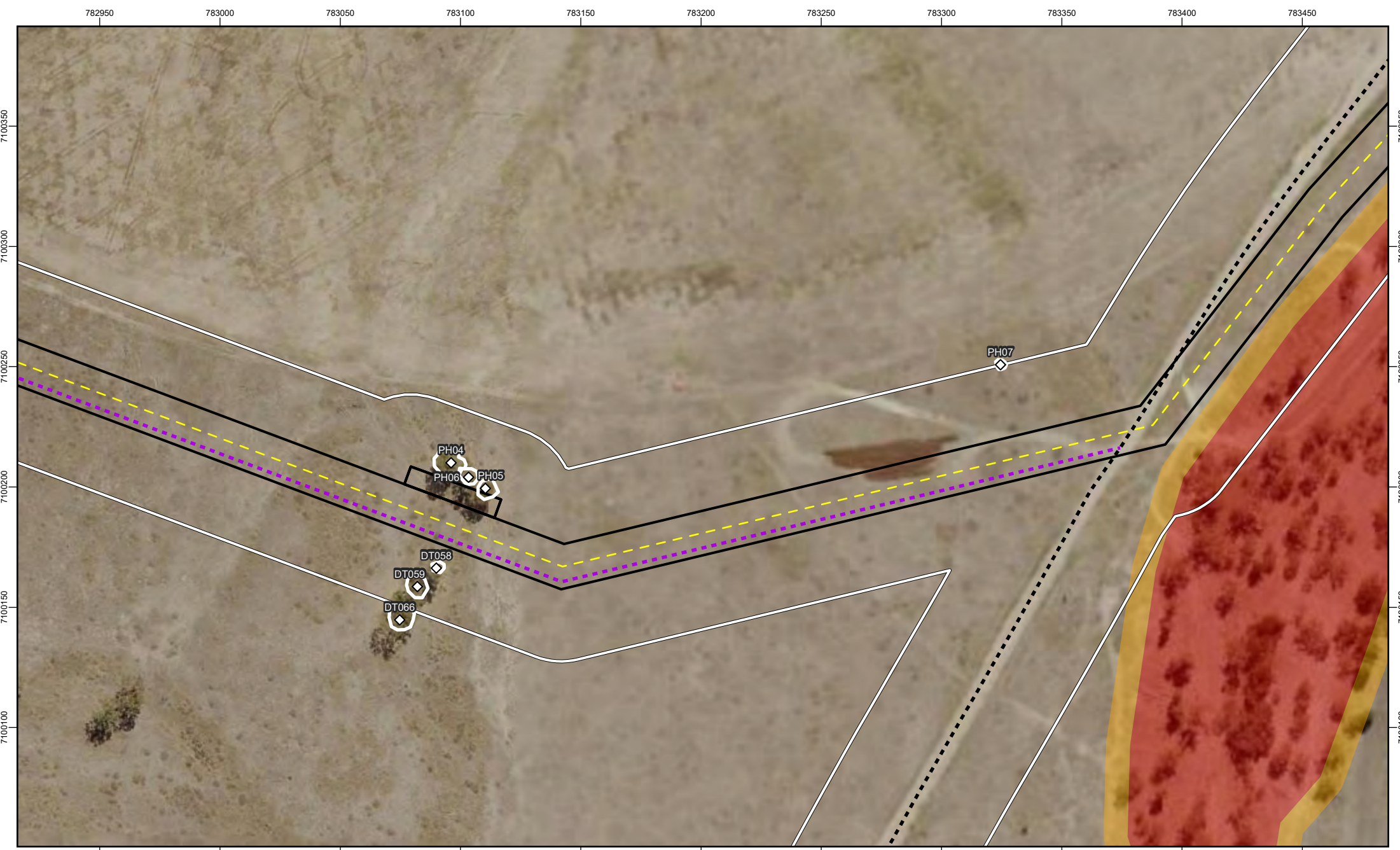




FIGURE 3-22:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Retain

-  Proposed Wells
-  Proposed Pipeline
-  Tracks
-  Tracks (Proposed)

-  Pre-Clearance Survey Extent
-  Proposed RoW

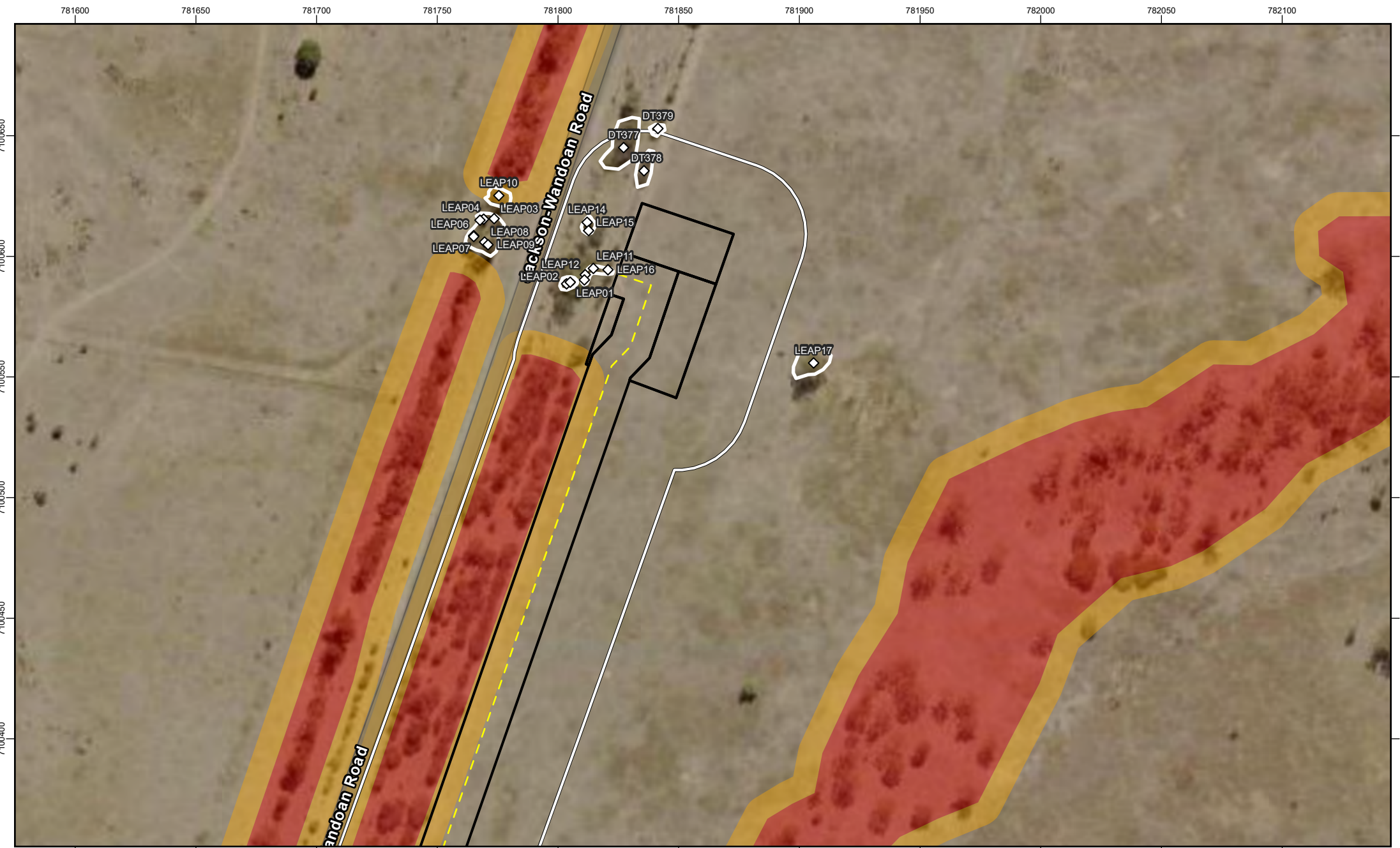


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Scale: 1:2,000

0 25 50
Metres

N



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FIGURE 3-23:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree	● Proposed Wells	▭ Pre-Clearance Survey Extent
◊ Retain	— Proposed Pipeline	▭ Proposed RoW
◻ Retain	--- Tracks	
	--- Tracks (Proposed)	

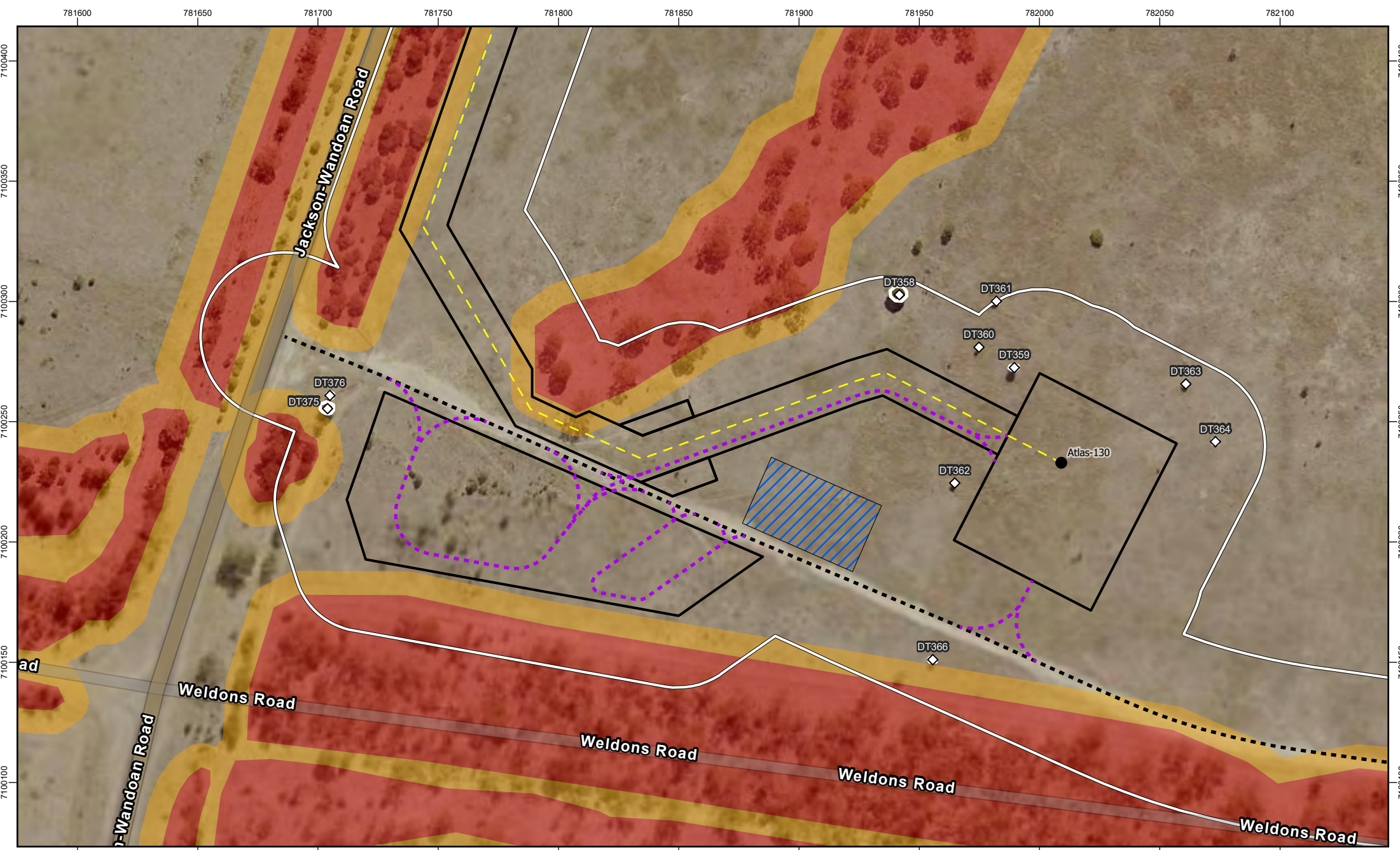


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Scale: 1:2,000

0 25 50
Metres

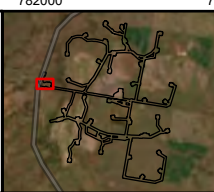
N



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FIGURE 3-24:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree	● Proposed Wells	Pre-Clearance Survey Extent
◇ Retain	— Proposed Pipeline	Proposed RoW
Retain	--- Tracks	Washdown Areas
	--- Tracks (Proposed)	



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Scale: 1:2,000

0 25 50
Metres

N

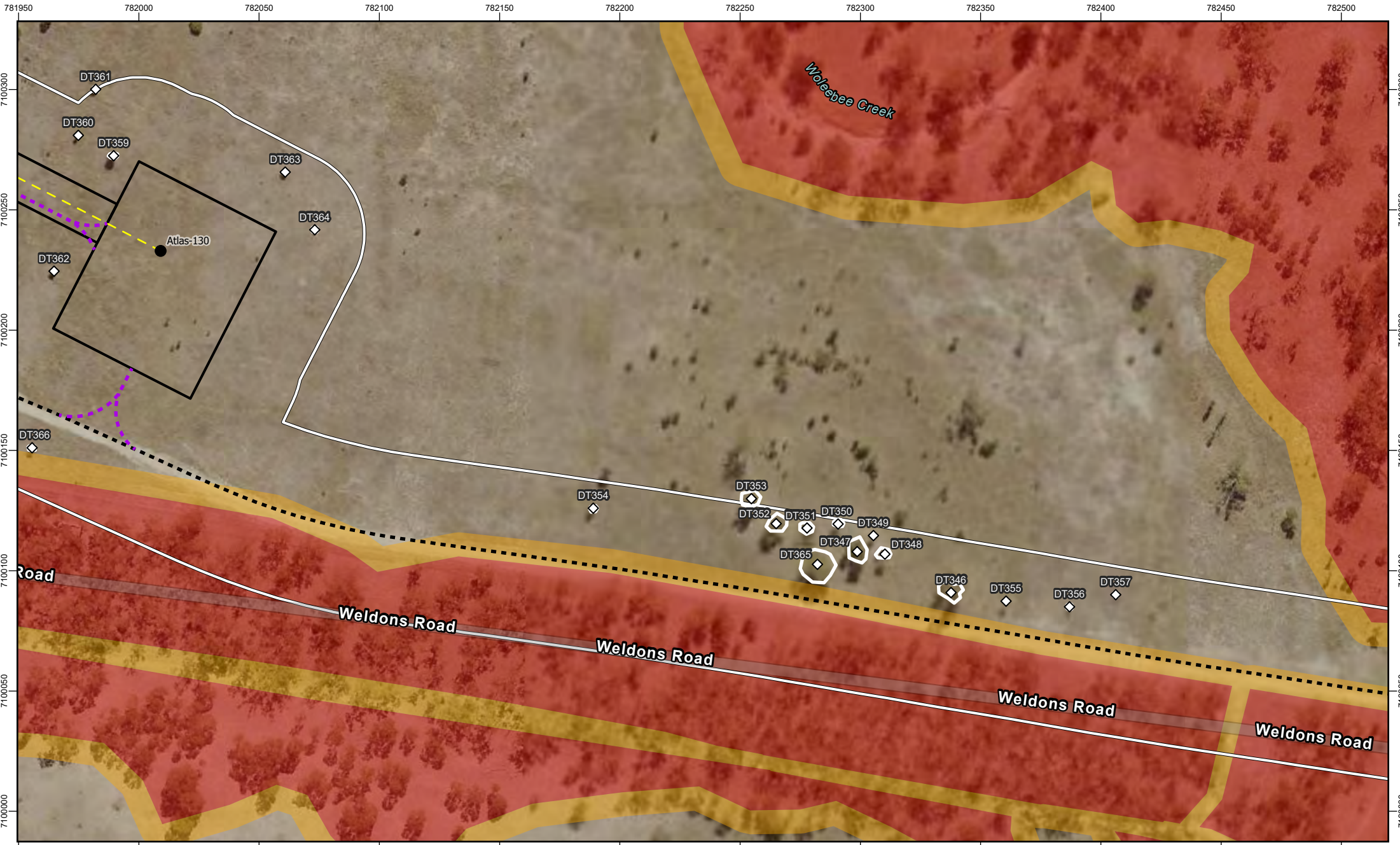




FIGURE 3-25:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Retain

-  Proposed Wells
-  Proposed Pipeline
-  Tracks
-  Tracks (Proposed)

-  Pre-Clearance Survey Extent
-  Proposed RoW



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Scale: 1:2,000

0 25 50
Metres

N

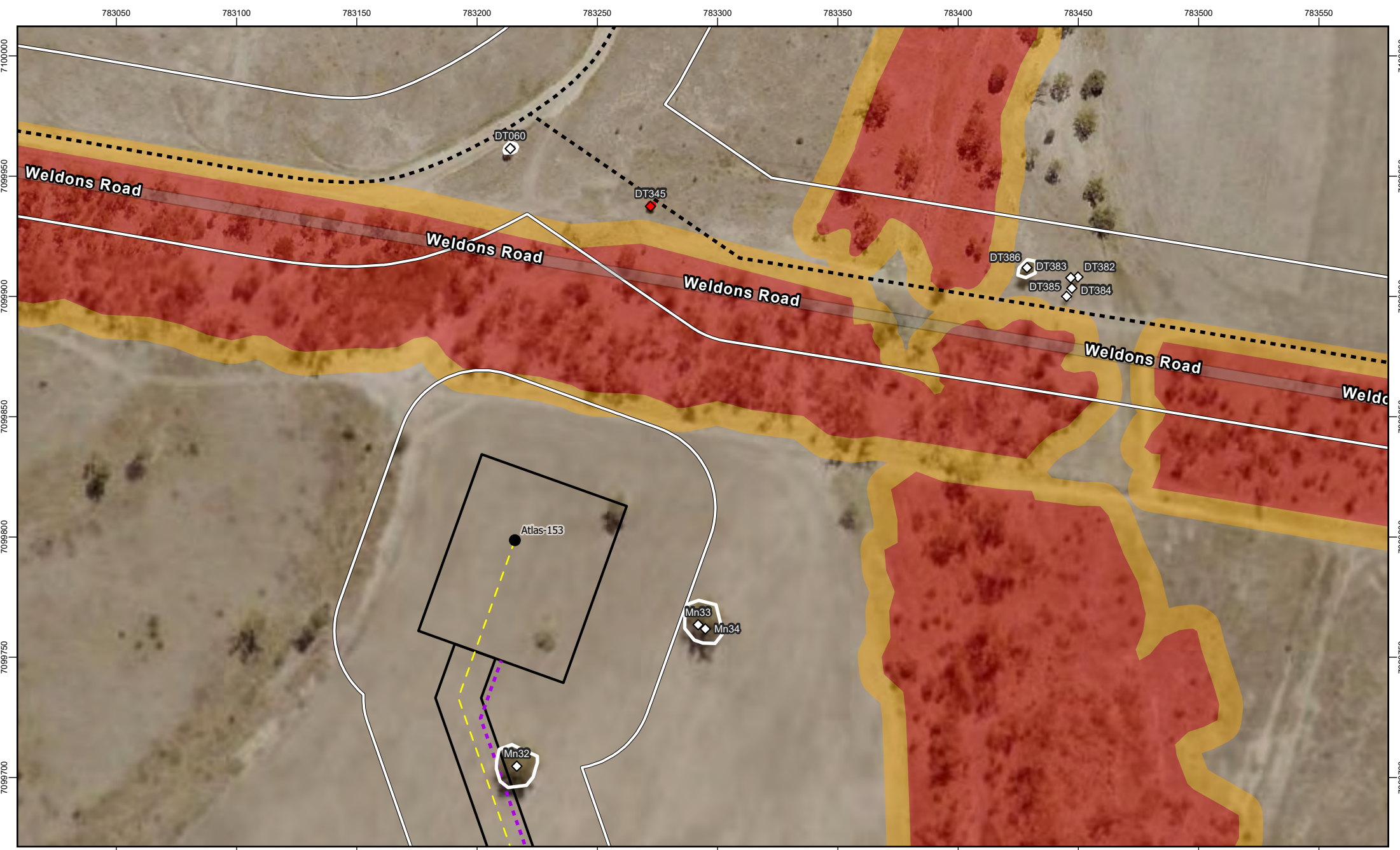




FIGURE 3-26:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Remove
-  Retain
-  Remove

-  Proposed Wells
-  Proposed Pipeline
-  Tracks
-  Tracks (Proposed)

-  Pre-Clearance Survey Extent
-  Proposed RoW



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Scale: 1:2,000

0 25 50
Metres

N

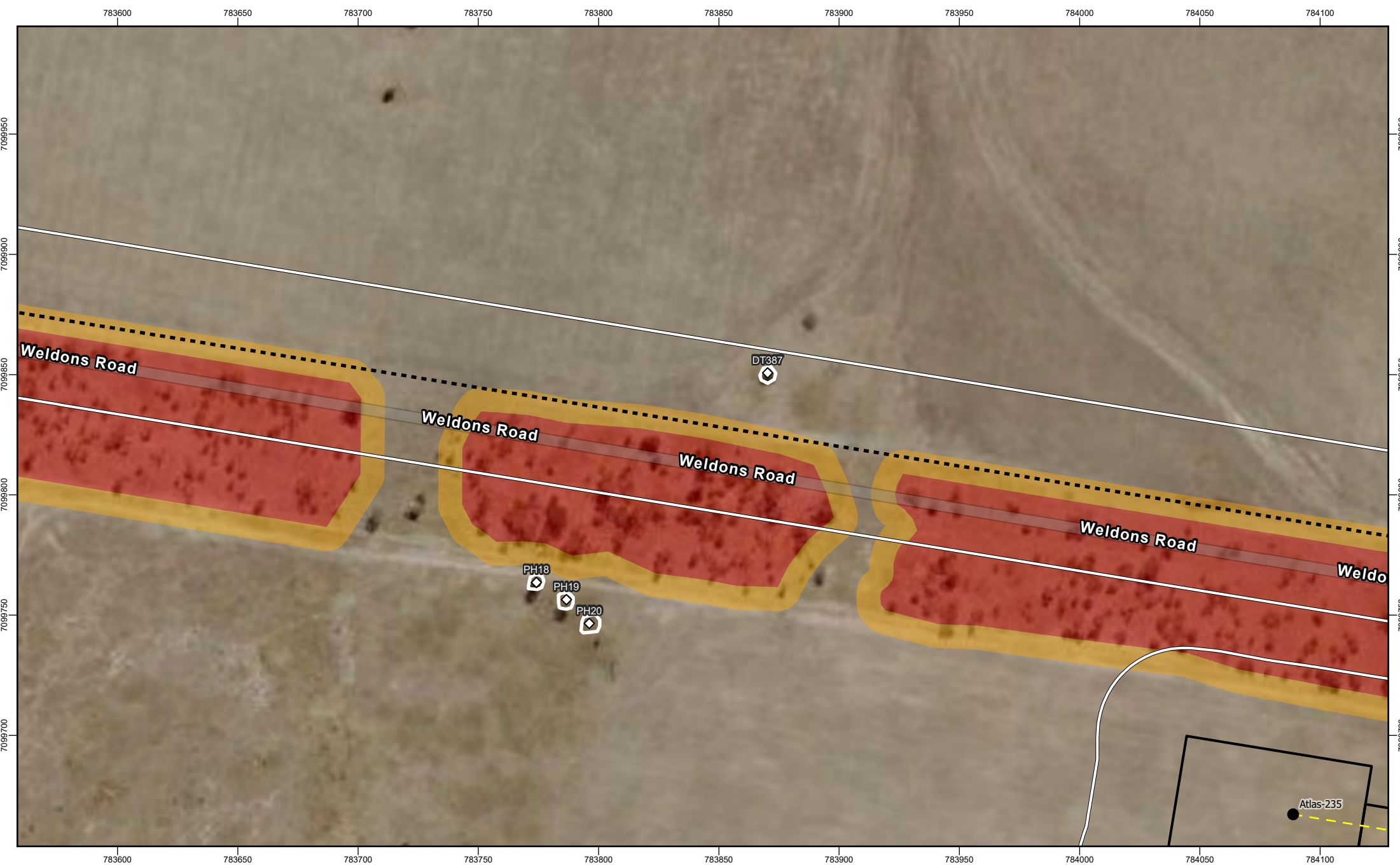




FIGURE 3-27:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

- Retain
- Retain

- Proposed Wells
- Proposed Pipeline
- Tracks
- Tracks (Proposed)

- Pre-Clearance Survey Extent
- Proposed RoW



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Scale: 1:2,000

0 25 50
Metres

N

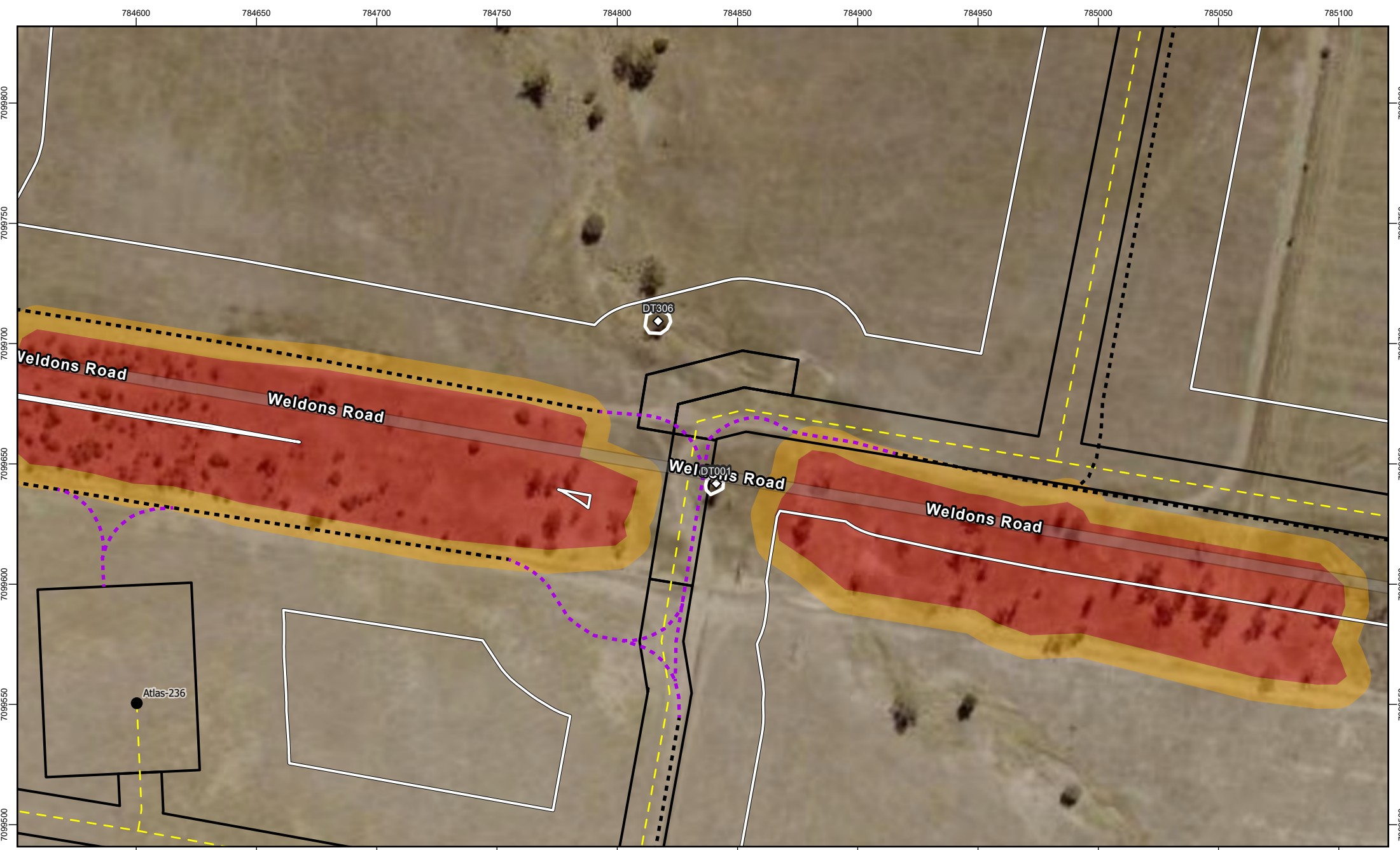




FIGURE 3-28:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree	● Proposed Wells	Pre-Clearance Survey Extent
◊ Retain	— Proposed Pipeline	Proposed RoW
◻ Retain	--- Tracks	
	--- Tracks (Proposed)	



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Scale: 1:2,000

0 25 50
Metres

N





FIGURE 3-29:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree ◊ Retain ◻ Retain	● Proposed Wells — Proposed Pipeline --- Tracks --- Tracks (Proposed)	▭ Pre-Clearance Survey Extent ▭ Proposed RoW
--	---	--



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Scale: 1:2,000

0 25 50
Metres

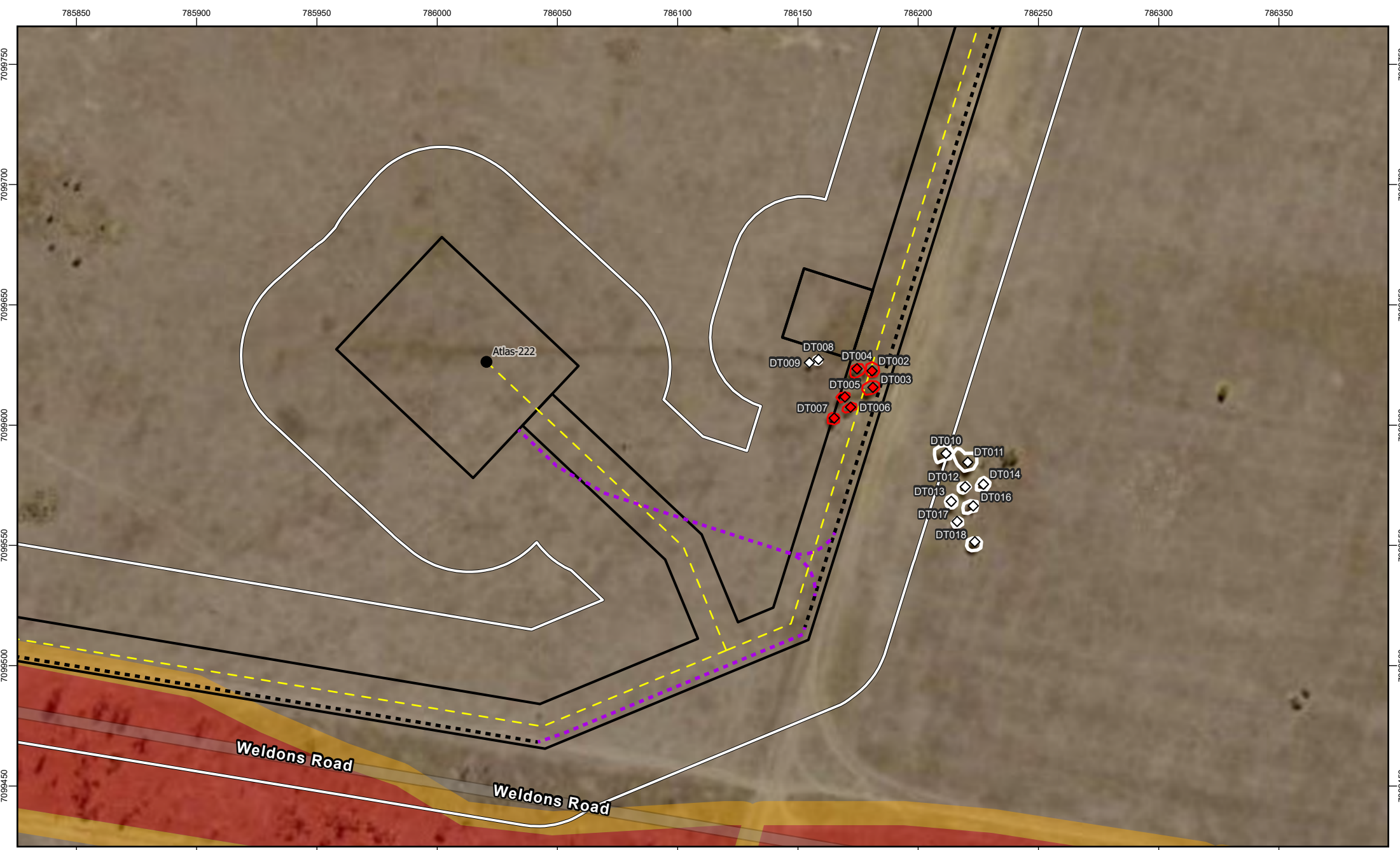




FIGURE 3-30:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

 Retain	 Proposed Wells	 Pre-Clearance Survey Extent
 Remove	 Proposed Pipeline	 Proposed RoW
 Retain	 Tracks	
 Remove	 Tracks (Proposed)	



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Scale: 1:2,000

0 25 50
Metres

N





FIGURE 3-31:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

- Retain
- Retain

Proposed Wells

- Proposed Wells

Proposed Pipeline

- Proposed Pipeline

Tracks

- Tracks
- Tracks (Proposed)

Pre-Clearance Survey Extent

- Pre-Clearance Survey Extent

Proposed RoW

- Proposed RoW



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Scale: 1:2,000

0 25 50
Metres

N

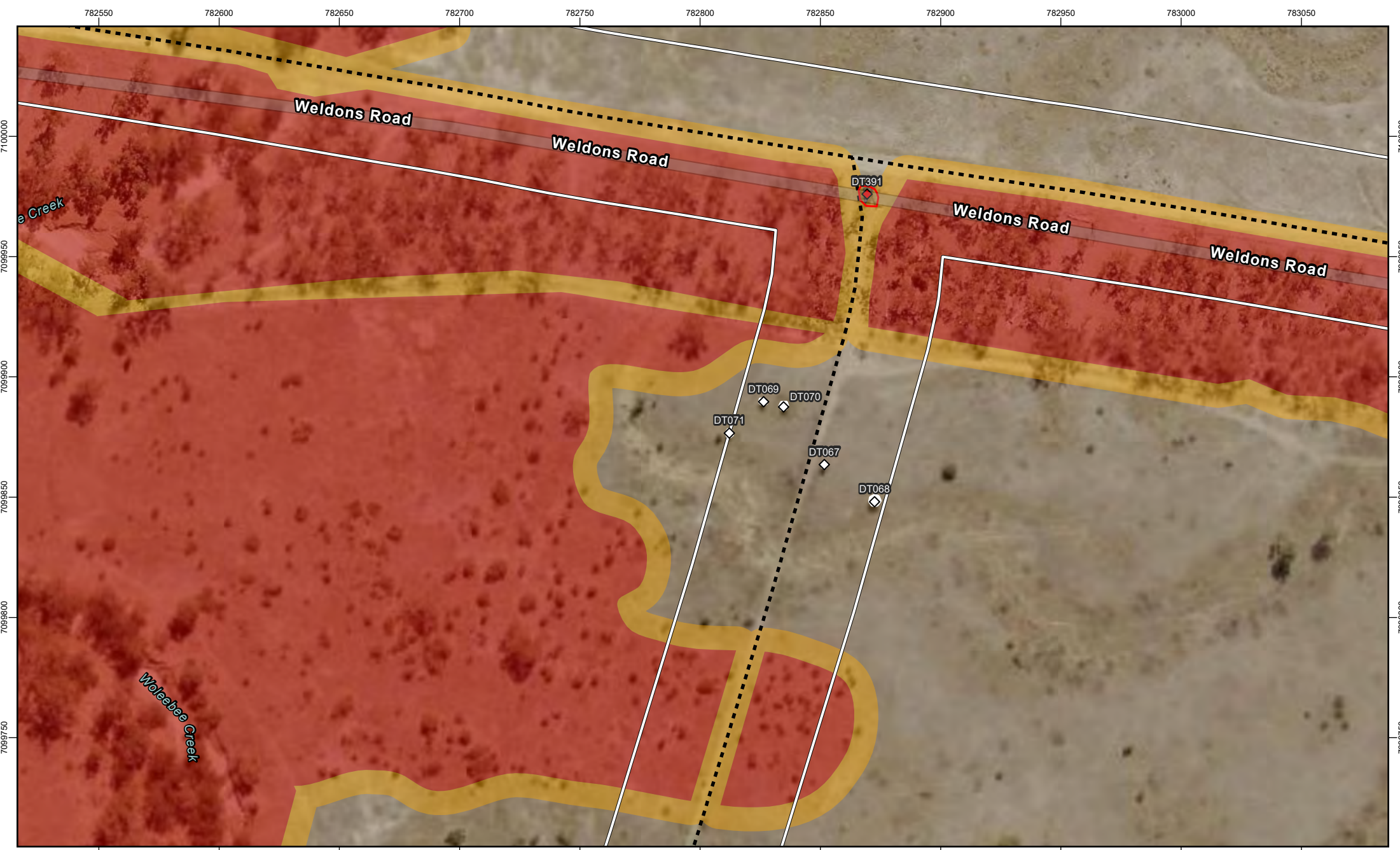




FIGURE 3-32:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree ◊ Retain ◈ Remove ◻ Retain ◻ Remove	● Proposed Wells — Proposed Pipeline --- Tracks --- Tracks (Proposed)	◻ Pre-Clearance Survey Extent
--	---	--------------------------------------



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0 25 50
Metres

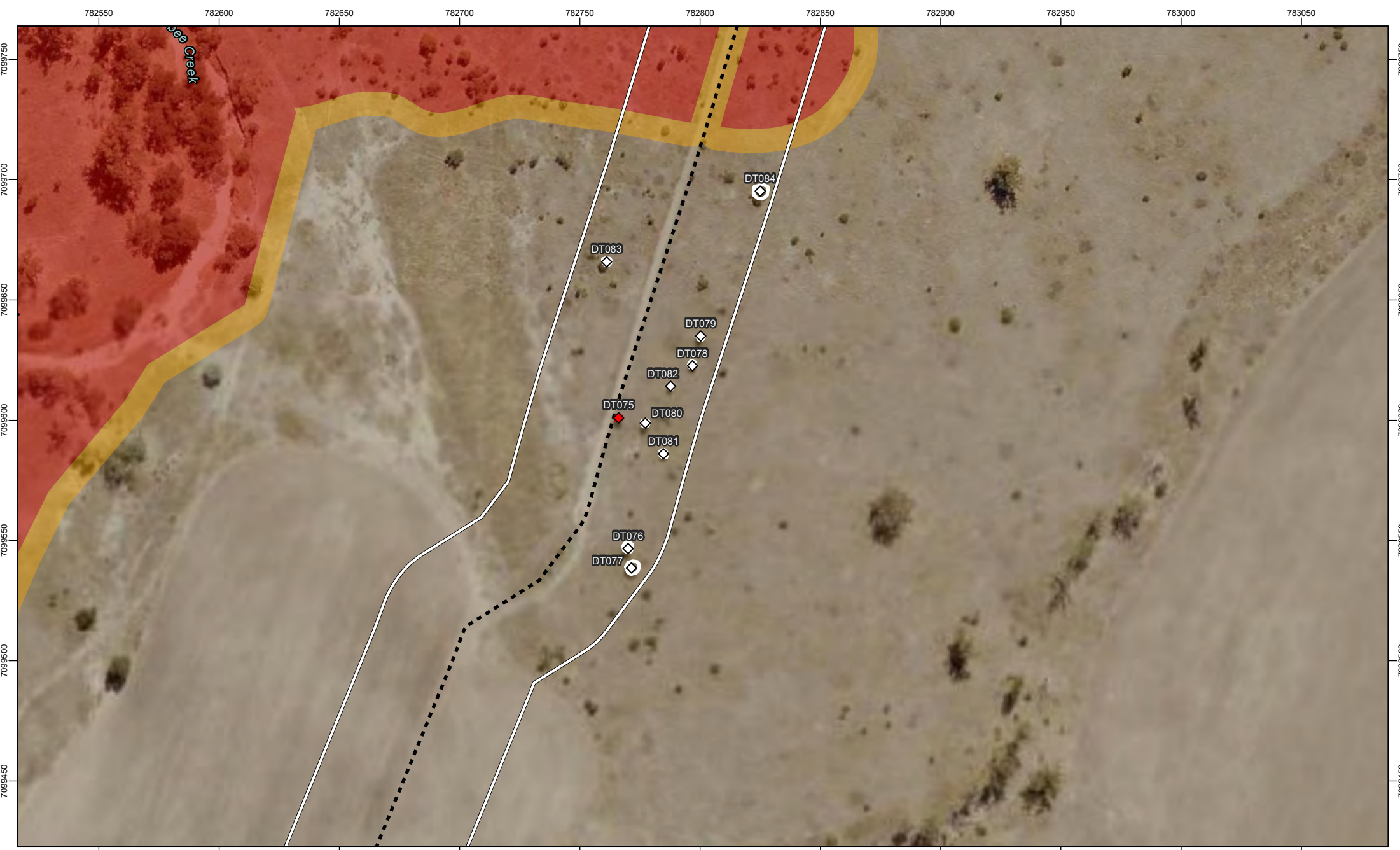




FIGURE 3-33:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

- Retain
- Remove
- Retain
- Remove

- Proposed Wells
- Proposed Pipeline
- Tracks
- Tracks (Proposed)

Pre-Clearance Survey Extent



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Scale: 1:2,000

0 25 50
Metres

N

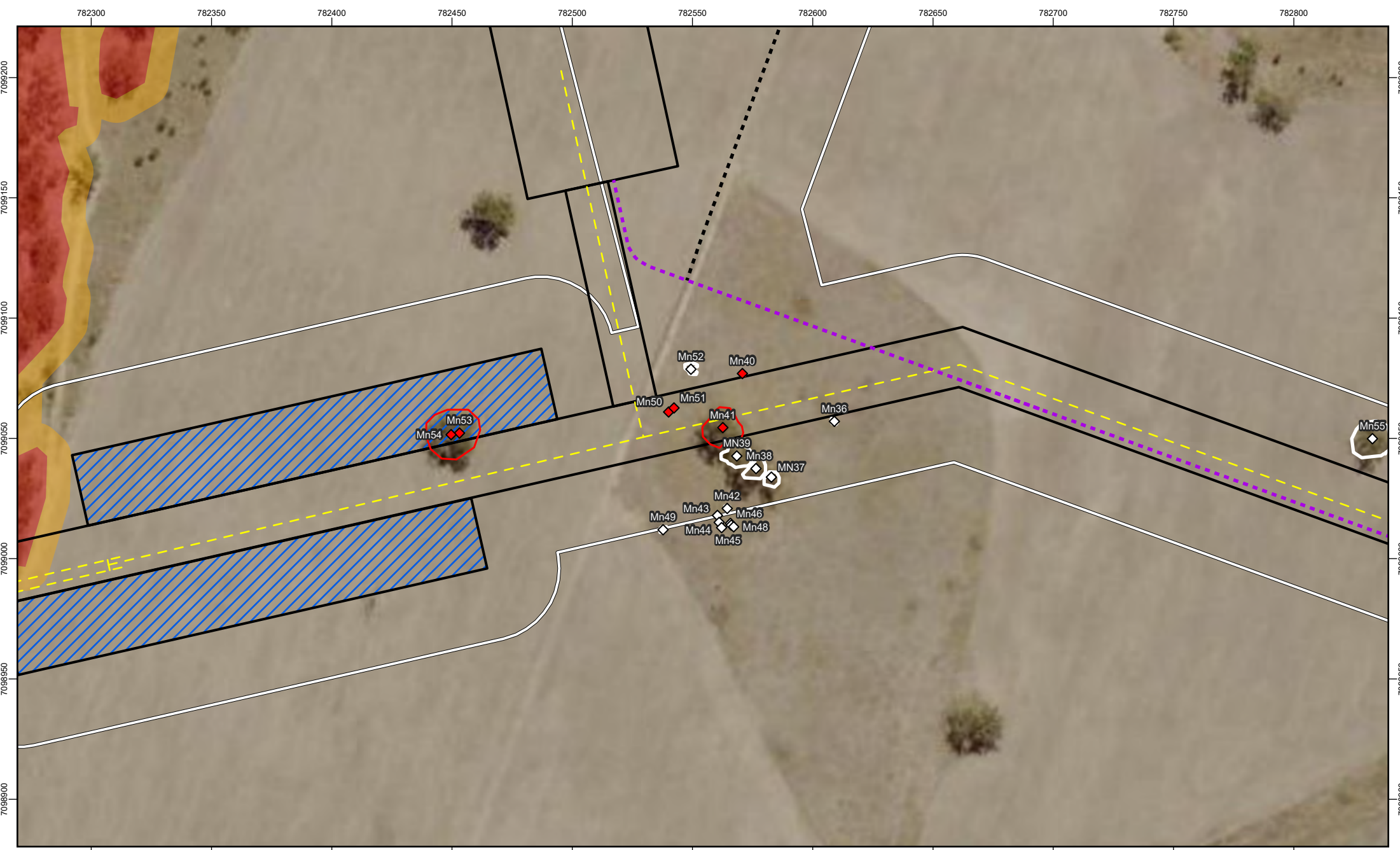




FIGURE 3-34:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

	Koala Habitat Tree		Proposed Wells		Pre-Clearance Survey Extent
	Retain		Proposed Pipeline		Proposed RoW
	Remove		Tracks		Washdown Areas
	Retain		Tracks (Proposed)		
	Remove				



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0 25 50
Metres

N

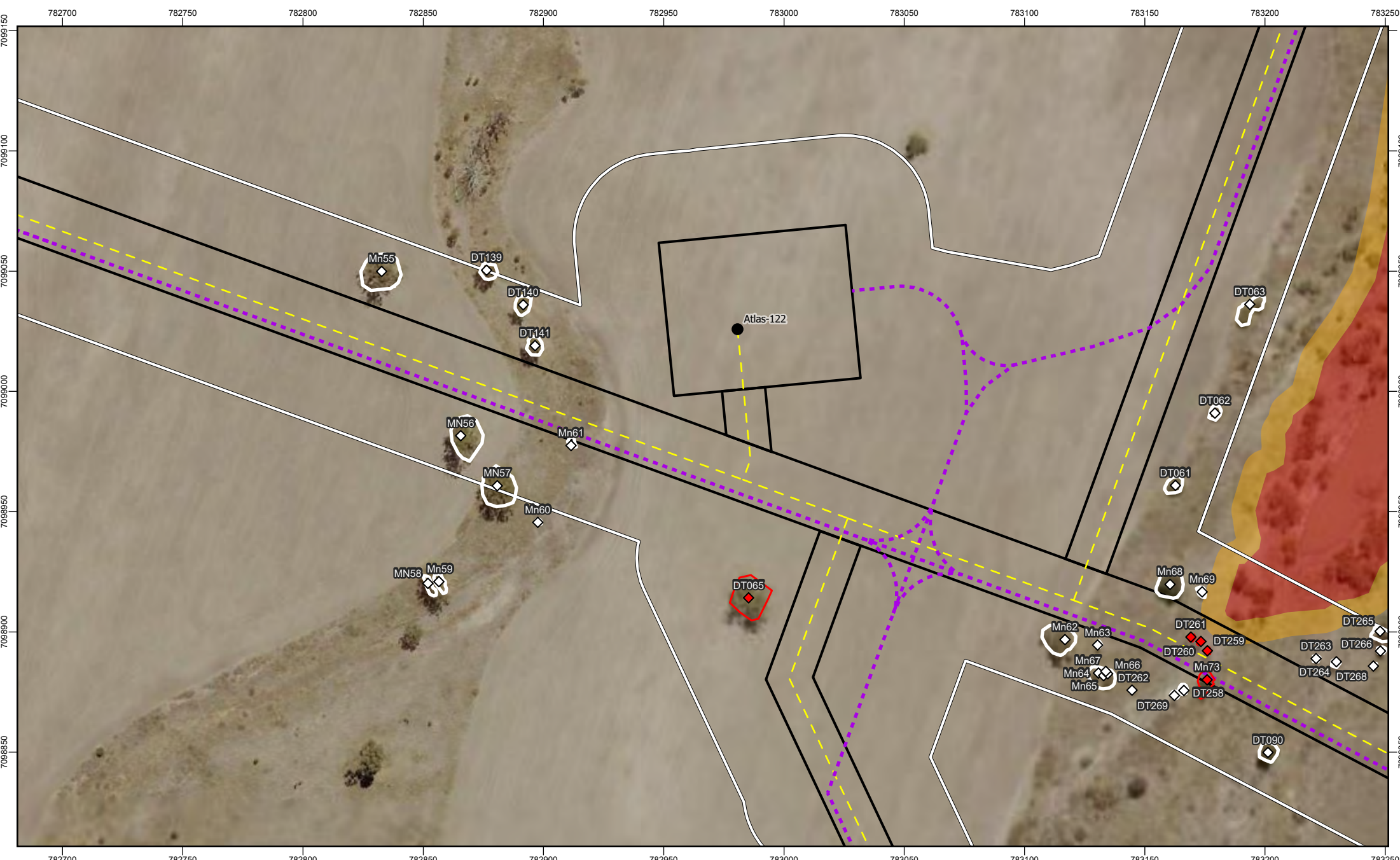




FIGURE 3-35:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Remove
-  Retain
-  Remove

-  Proposed Wells
-  Proposed Pipeline
-  Tracks
-  Tracks (Proposed)

-  Pre-Clearance Survey Extent
-  Proposed RoW

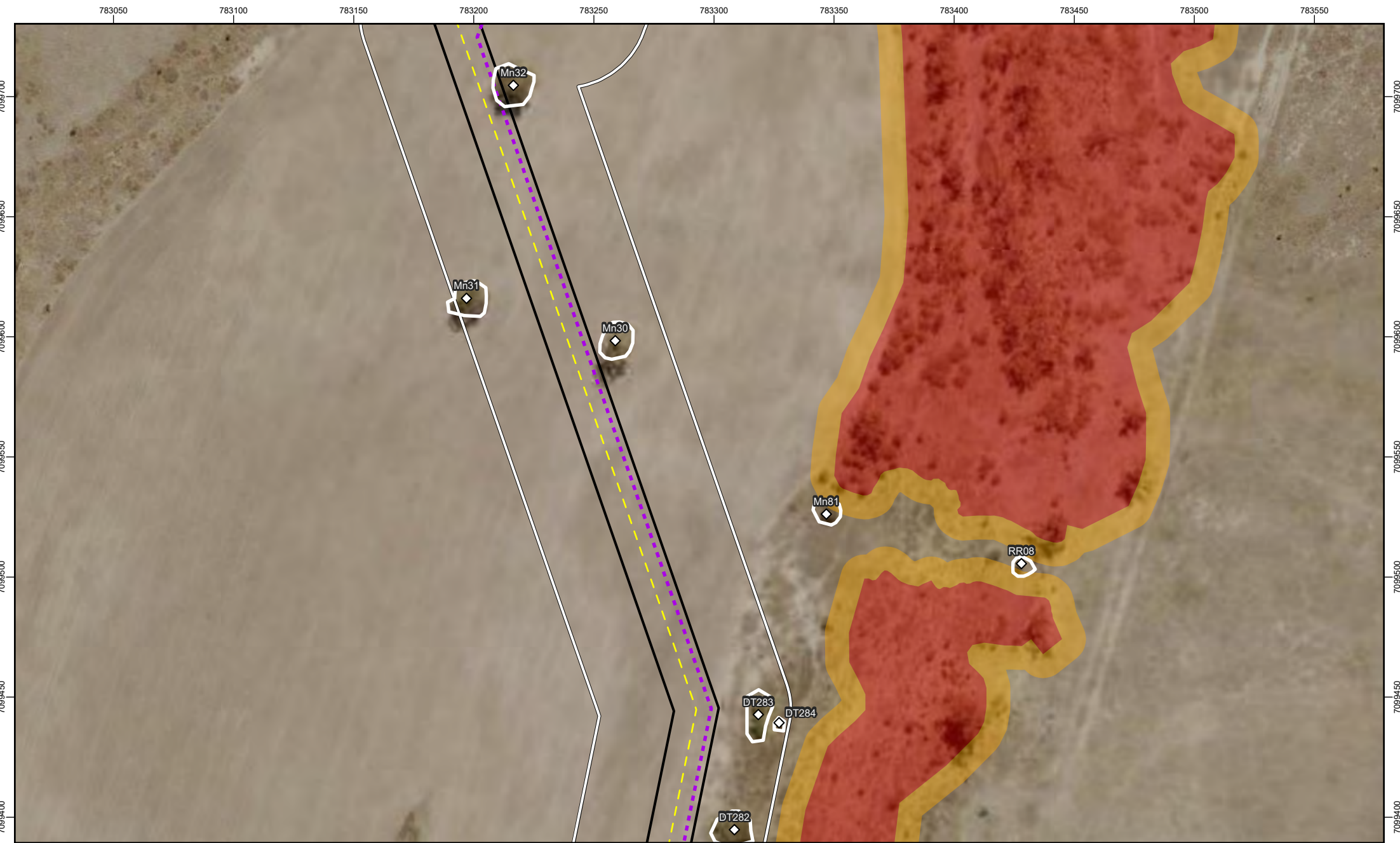


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Scale: 1:2,000

0 25 50
Metres

N



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FIGURE 3-36:
Amber Paradise Downs
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Scale: 1:2,000

0 25 50
Metres

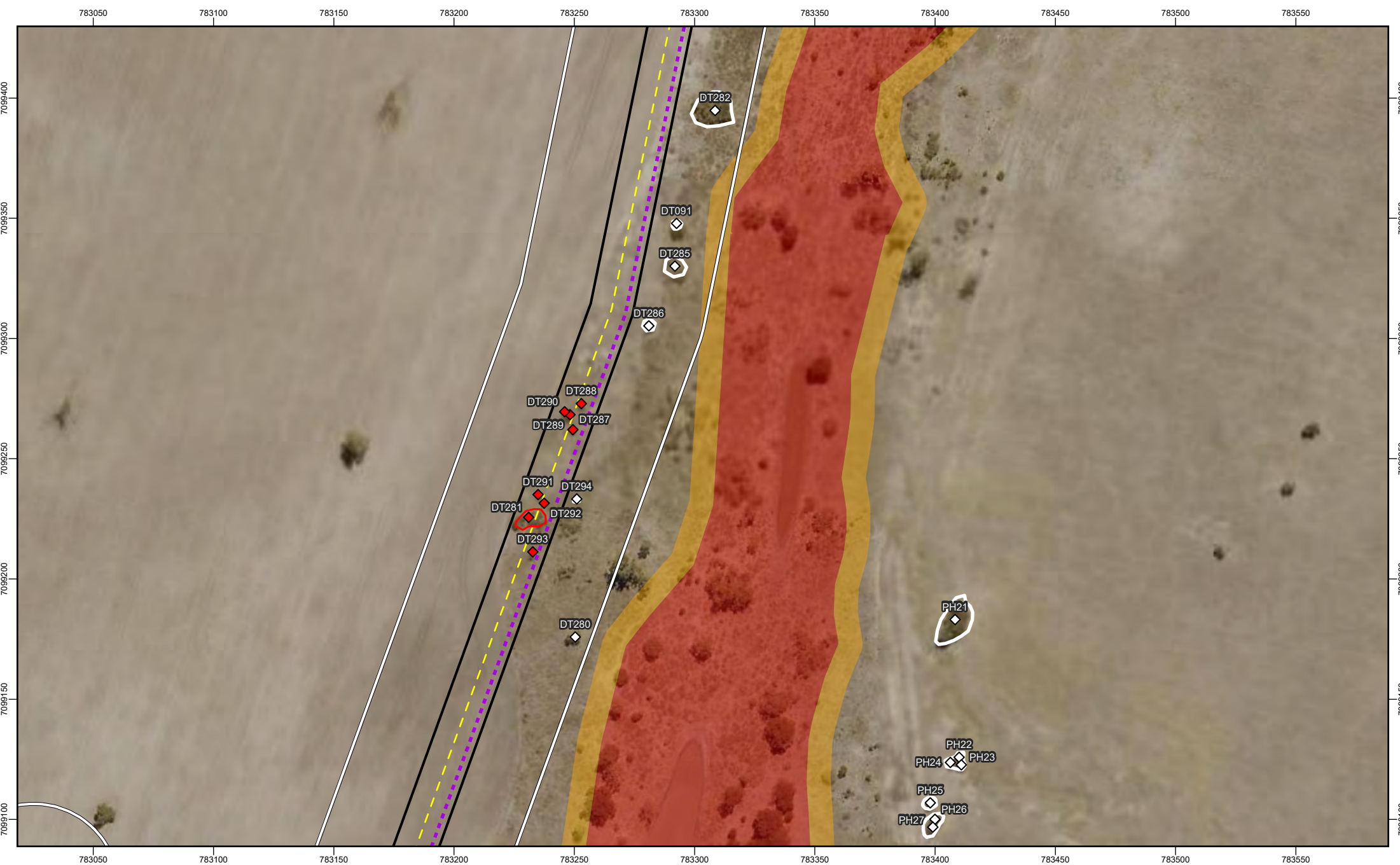




FIGURE 3-37:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

- Retain
- Remove
- Retain
- Remove

Proposed Wells

-

Proposed Pipeline

-
- Tracks (Proposed)

Tracks

-

Pre-Clearance Survey Extent

-

Proposed RoW

-



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Scale: 1:2,000

0 25 50
Metres

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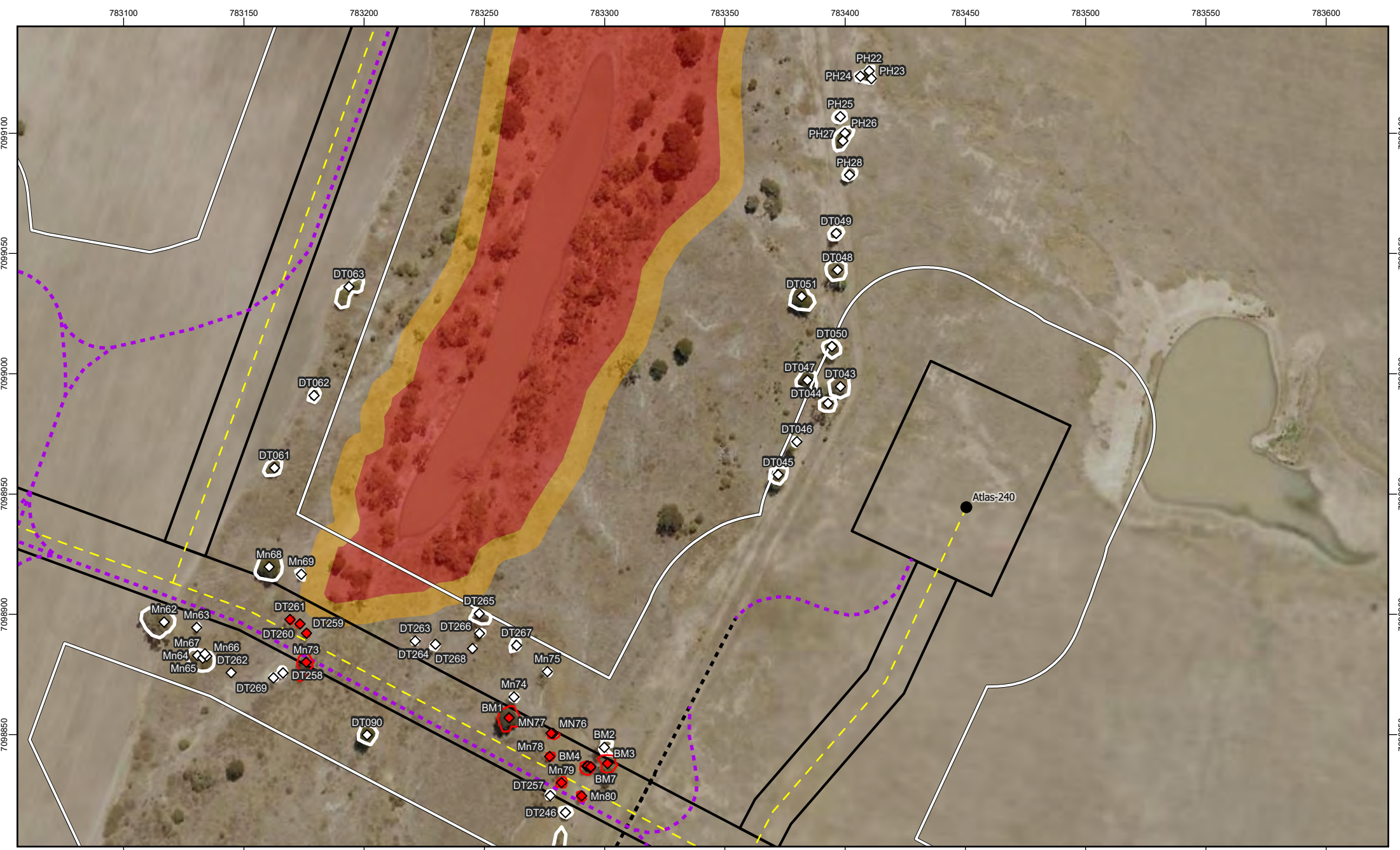




FIGURE 3-38:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

	Koala Habitat Tree		Proposed Wells		Pre-Clearance Survey Extent
	Remove		Proposed Pipeline		Proposed RoW
	Retain		Tracks		
	Remove		Tracks (Proposed)		



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0 25 50
Metres

N

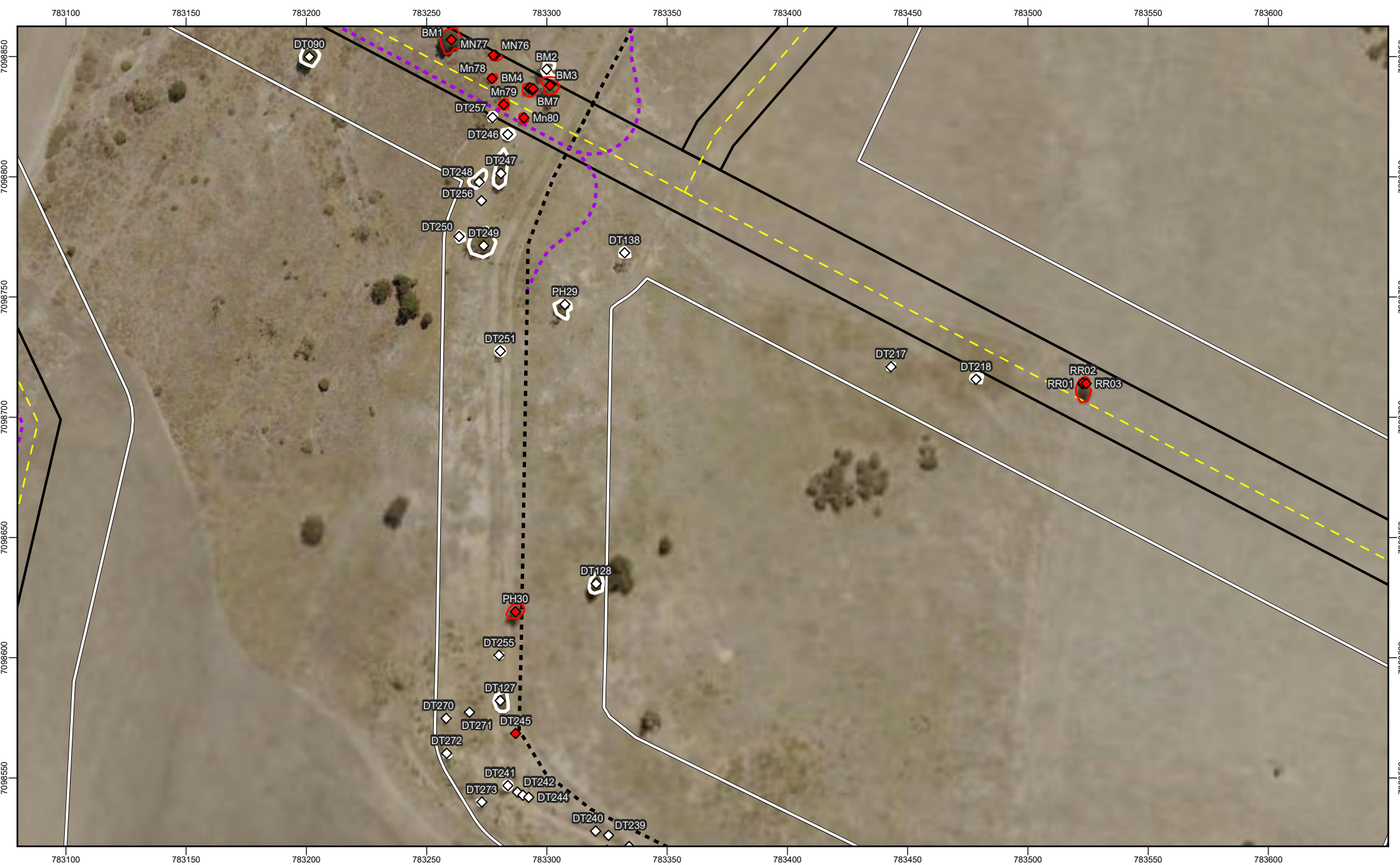




FIGURE 3-39:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

- Retain
- Remove
- Retain
- Remove

- Proposed Wells
- Proposed Pipeline
- Tracks
- Tracks (Proposed)

- Pre-Clearance Survey Extent
- Proposed RoW



REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N

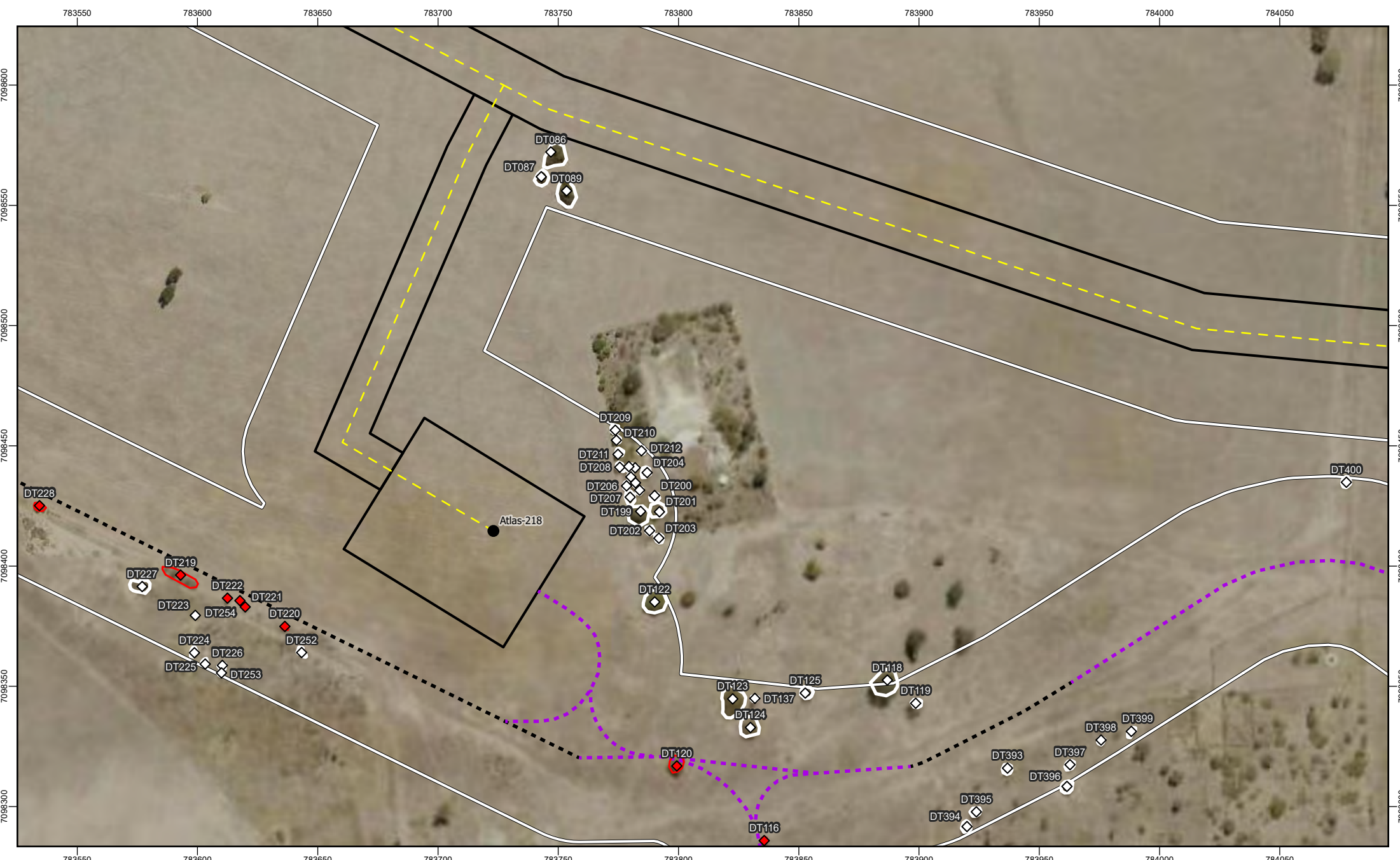




FIGURE 3-41:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree	● Proposed Wells	▭ Pre-Clearance Survey Extent
◊ Retain	— Proposed Pipeline	▭ Proposed RoW
◈ Remove	- - - Tracks	
◊ Retain	- - - Tracks (Proposed)	
◈ Remove		



REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N

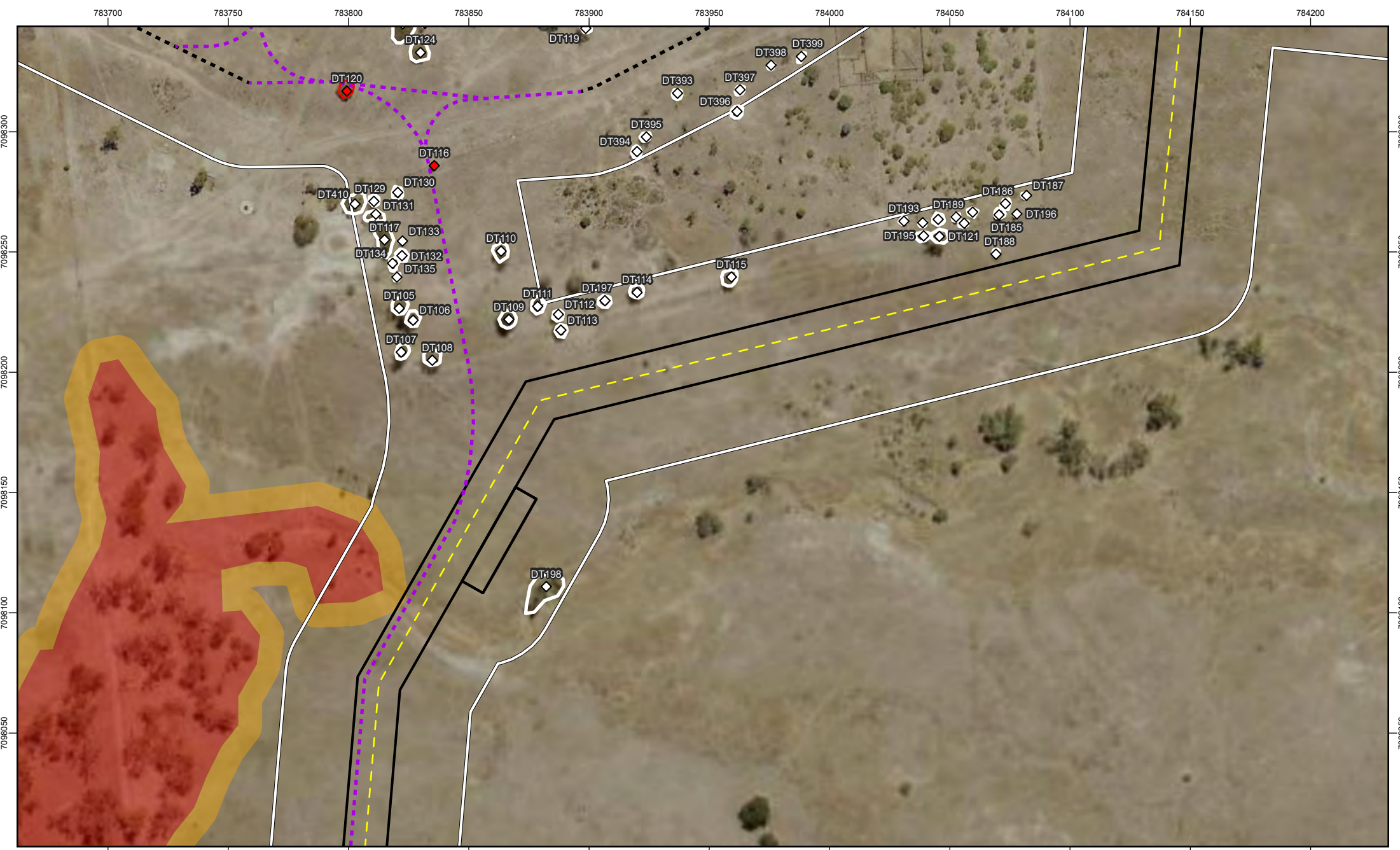




FIGURE 3-42:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Remove
-  Retain
-  Remove

Proposed Wells

- 

Proposed Pipeline

- 

Tracks

-  Tracks
-  Tracks (Proposed)

Pre-Clearance Survey Extent

- 

Proposed RoW

- 



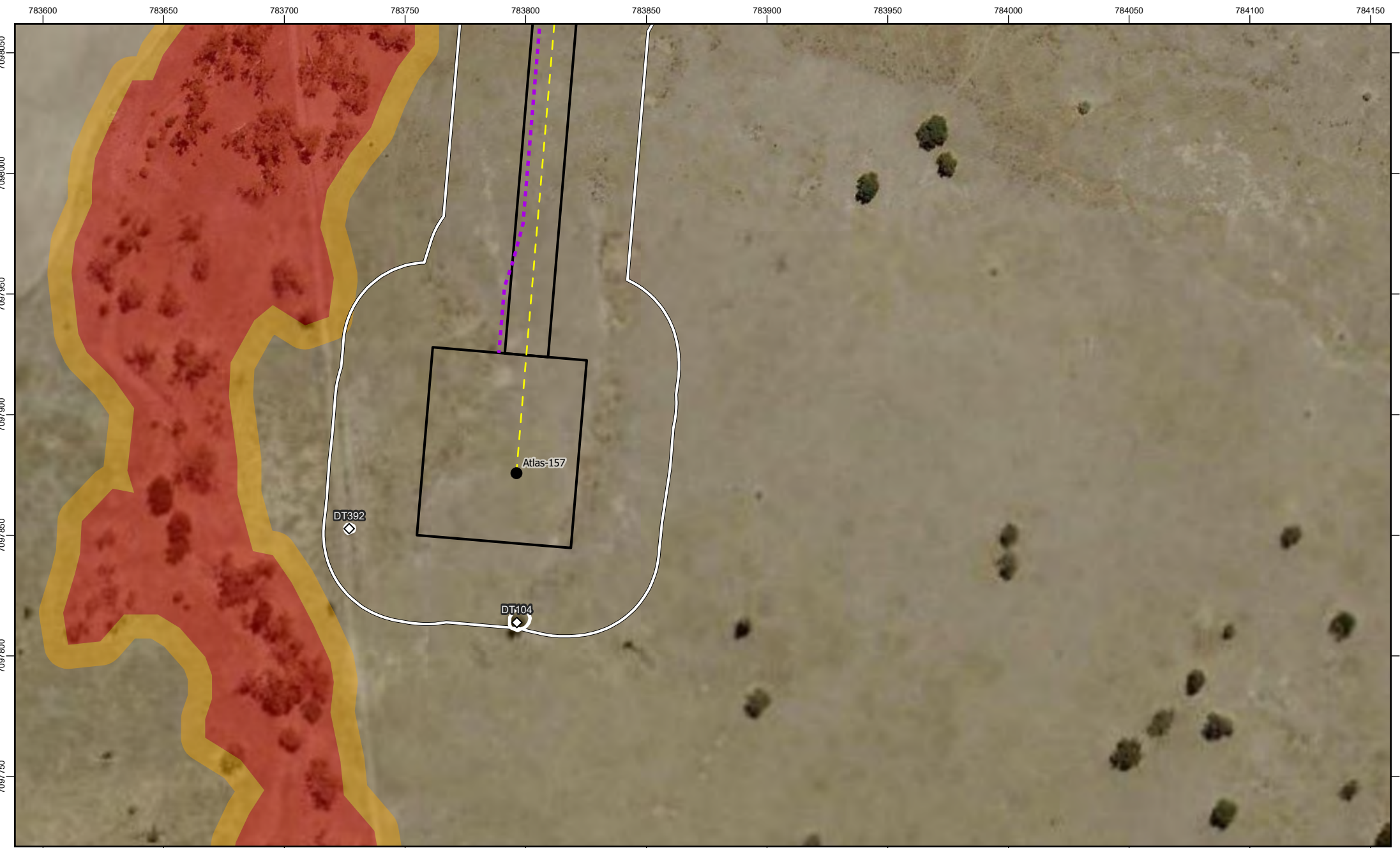
REVISION **AUTHOR** **REVIEWER** **DATE**

3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N



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FIGURE 3-44:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

- | | | |
|--------------------|-----------------------|-----------------------------|
| Koala Habitat Tree | ● Proposed Wells | Pre-Clearance Survey Extent |
| ◇ Retain | — Proposed Pipeline | Proposed RoW |
| Retain | --- Tracks | |
| | --- Tracks (Proposed) | |



REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N





FIGURE 3-45:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Remove
-  Retain
-  Remove

-  Proposed Wells
-  Proposed Pipeline
-  Tracks
-  Tracks (Proposed)

-  Pre-Clearance Survey Extent
-  Proposed RoW



REVISION | AUTHOR | REVIEWER | DATE

3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N

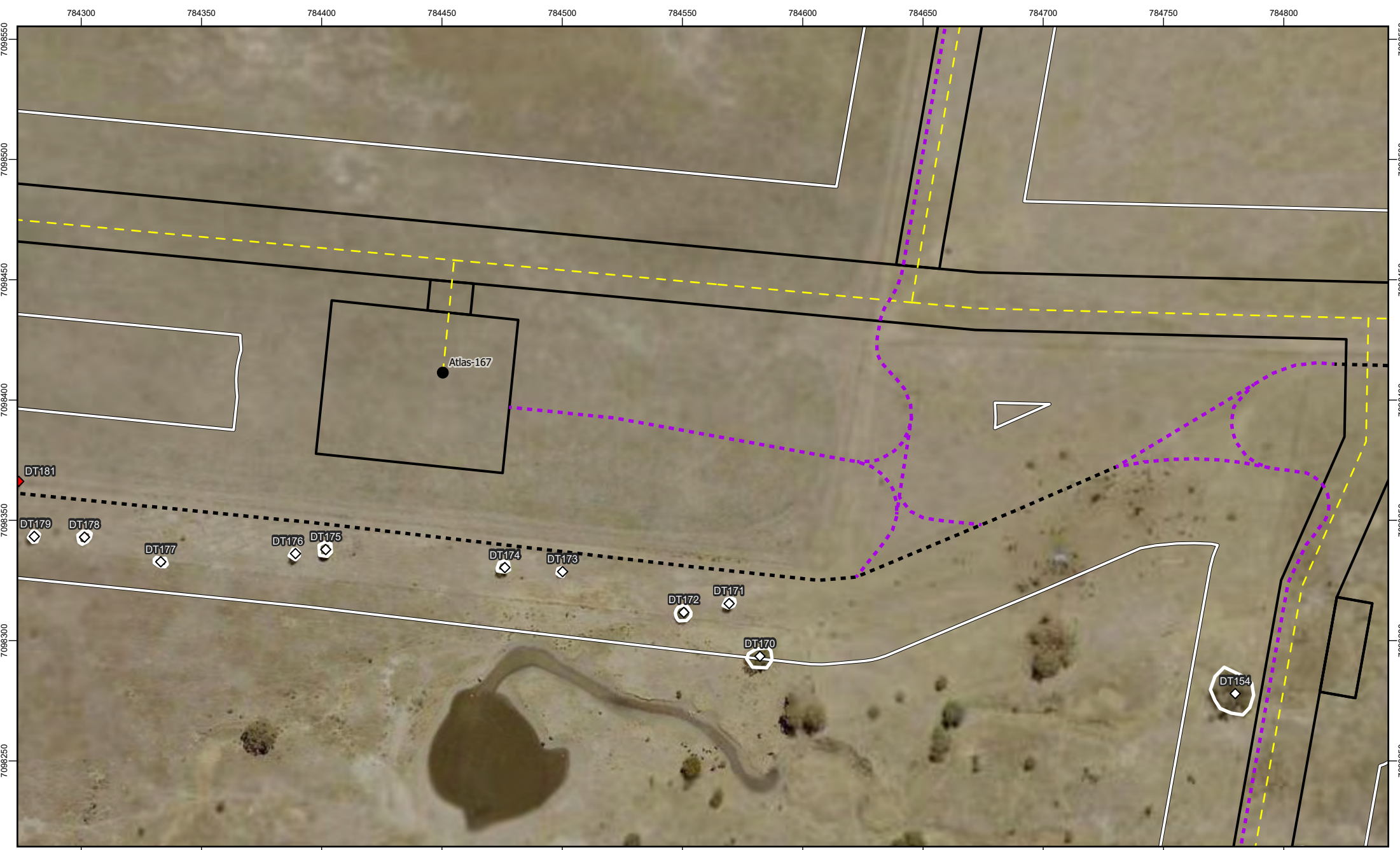




FIGURE 3-46:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

	Koala Habitat Tree		Proposed Wells		Pre-Clearance Survey Extent
	Remove		Proposed Pipeline		Proposed RoW
	Retain		Tracks		
	Remove		Tracks (Proposed)		



REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N

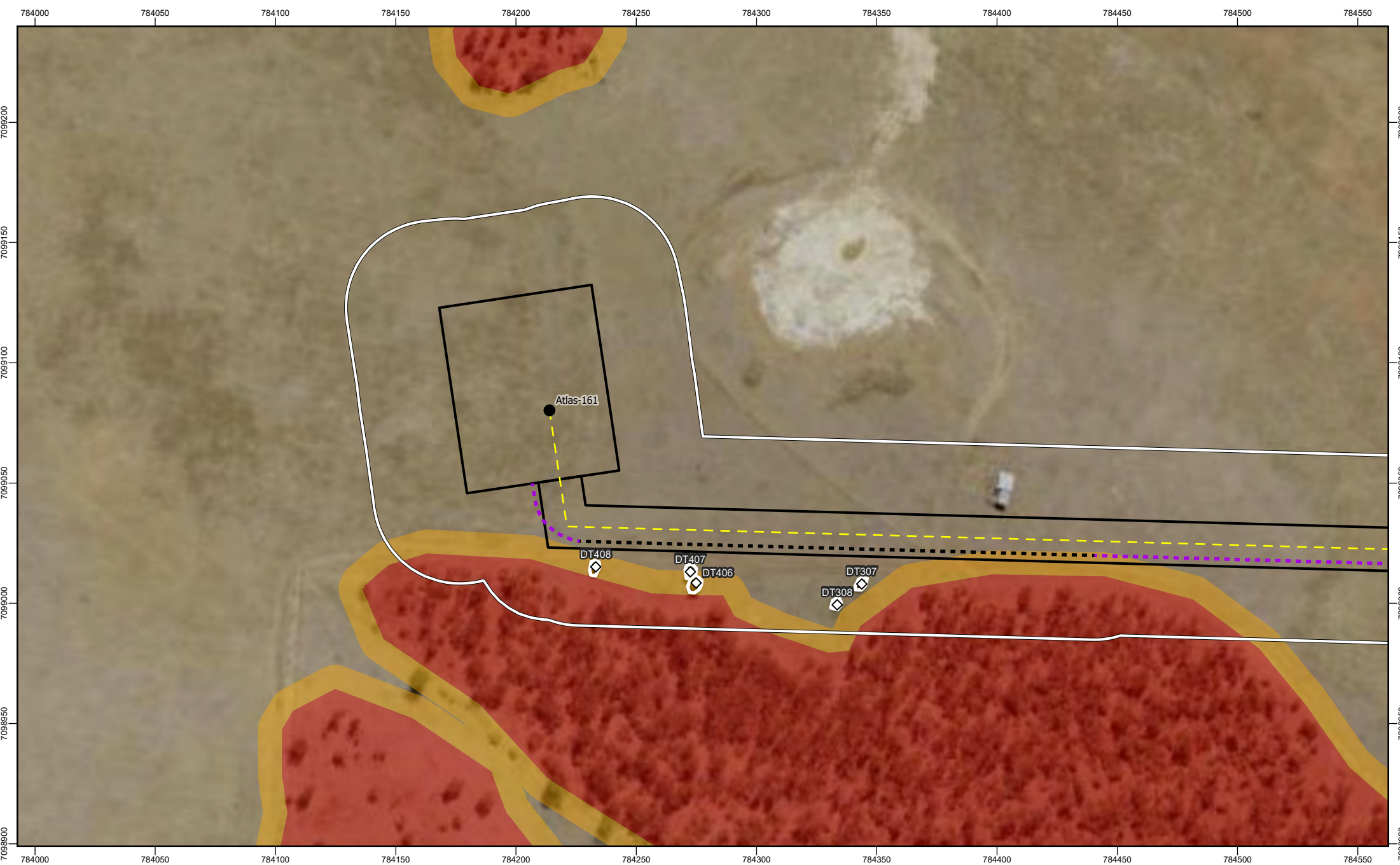




FIGURE 3-47:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Retain

-  Proposed Wells
-  Proposed Pipeline
-  Tracks
-  Tracks (Proposed)

-  Pre-Clearance Survey Extent
-  Proposed RoW



REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N

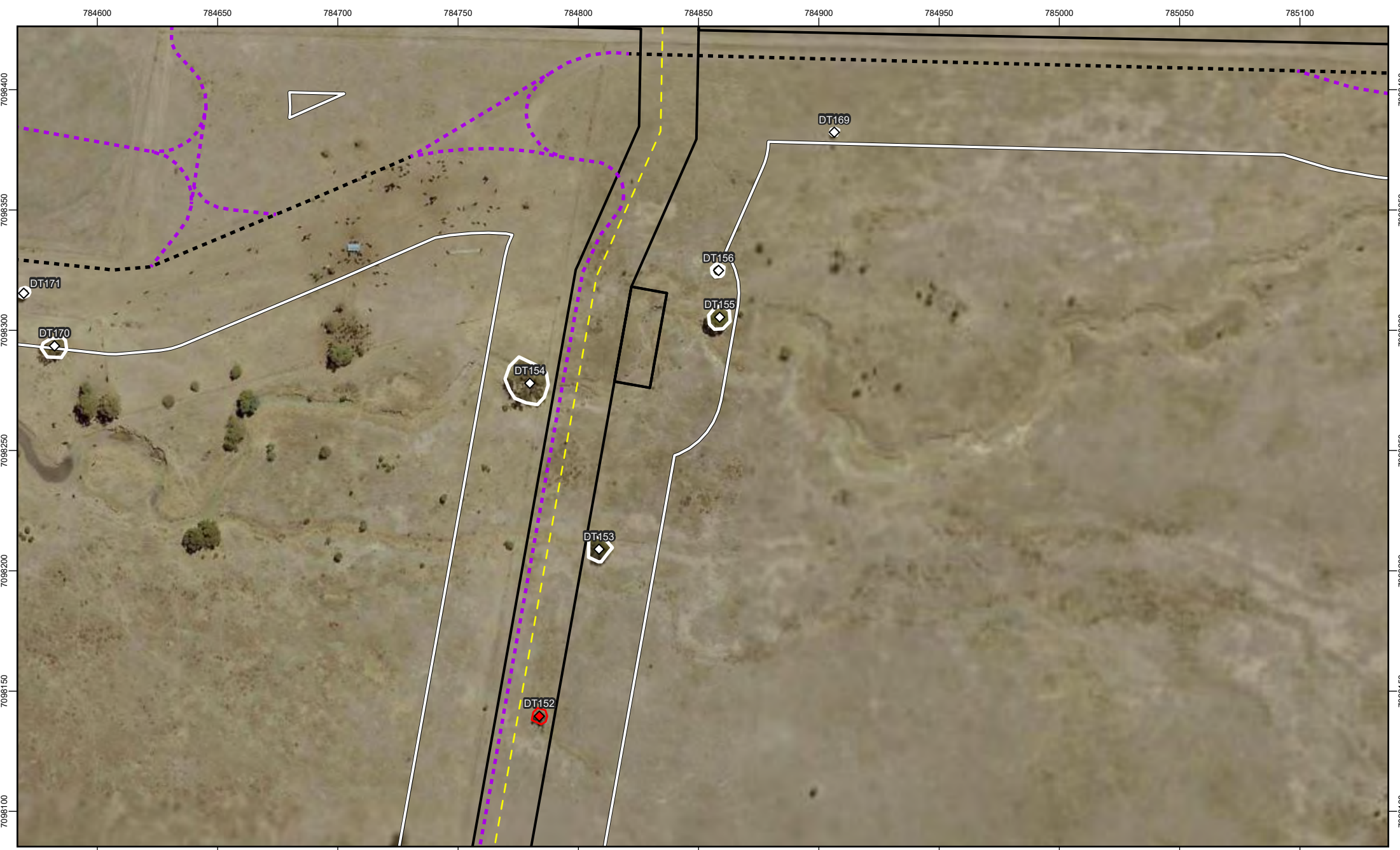




FIGURE 3-49:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

 Koala Habitat Tree	 Proposed Wells	 Pre-Clearance Survey Extent
 Remove	 Proposed Pipeline	 Proposed RoW
 Retain	 Tracks	
 Remove	 Tracks (Proposed)	



REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N

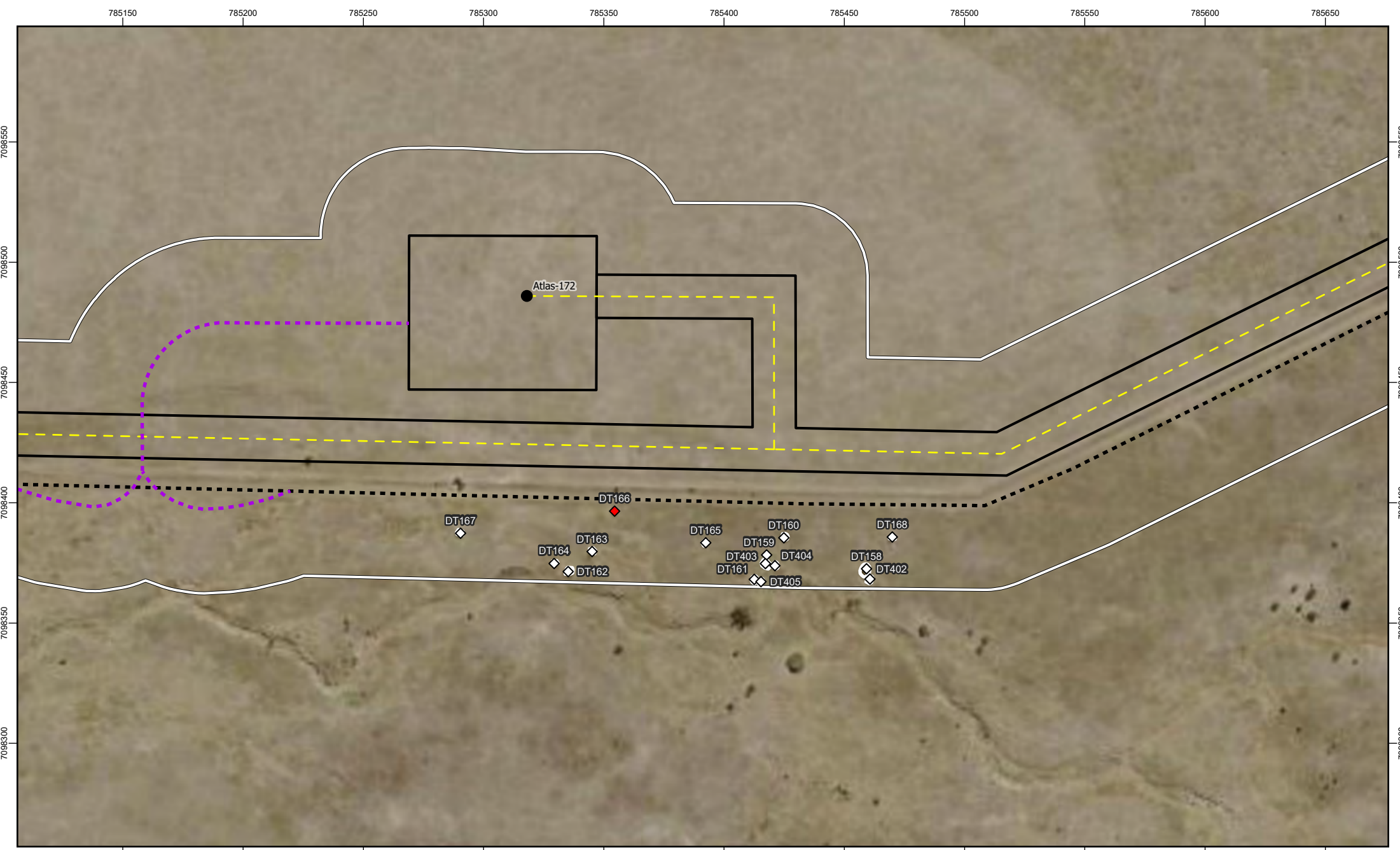




FIGURE 3-50:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

- Retain
- Remove
- Retain
- Remove

- Proposed Wells
- Proposed Pipeline
- Tracks
- Tracks (Proposed)

- Pre-Clearance Survey Extent
- Proposed RoW

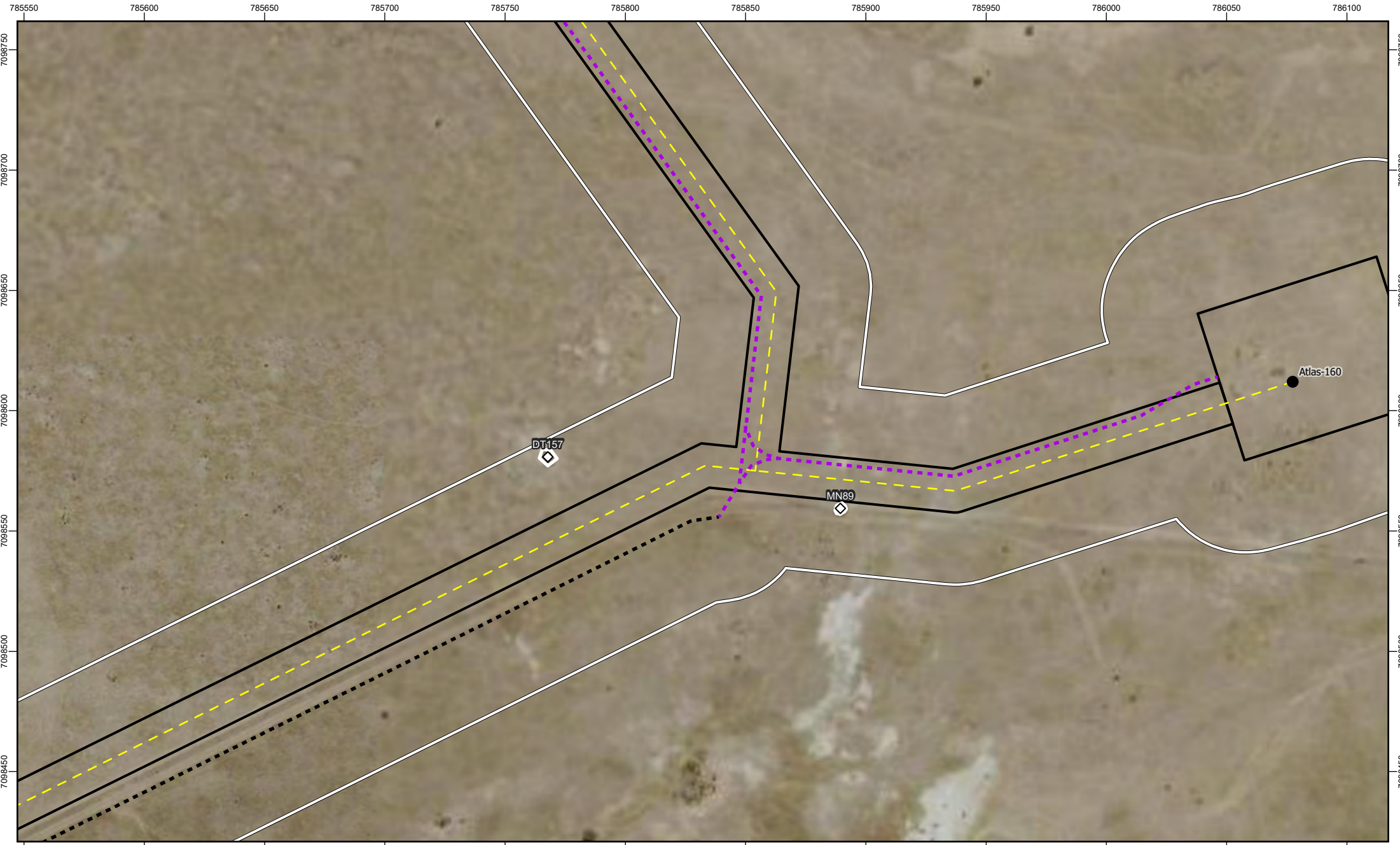


REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres





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FIGURE 3-51:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree	Proposed Wells	Pre-Clearance Survey Extent
Retain	Proposed Pipeline	Proposed RoW
Retain	Tracks	
	Tracks (Proposed)	



REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N

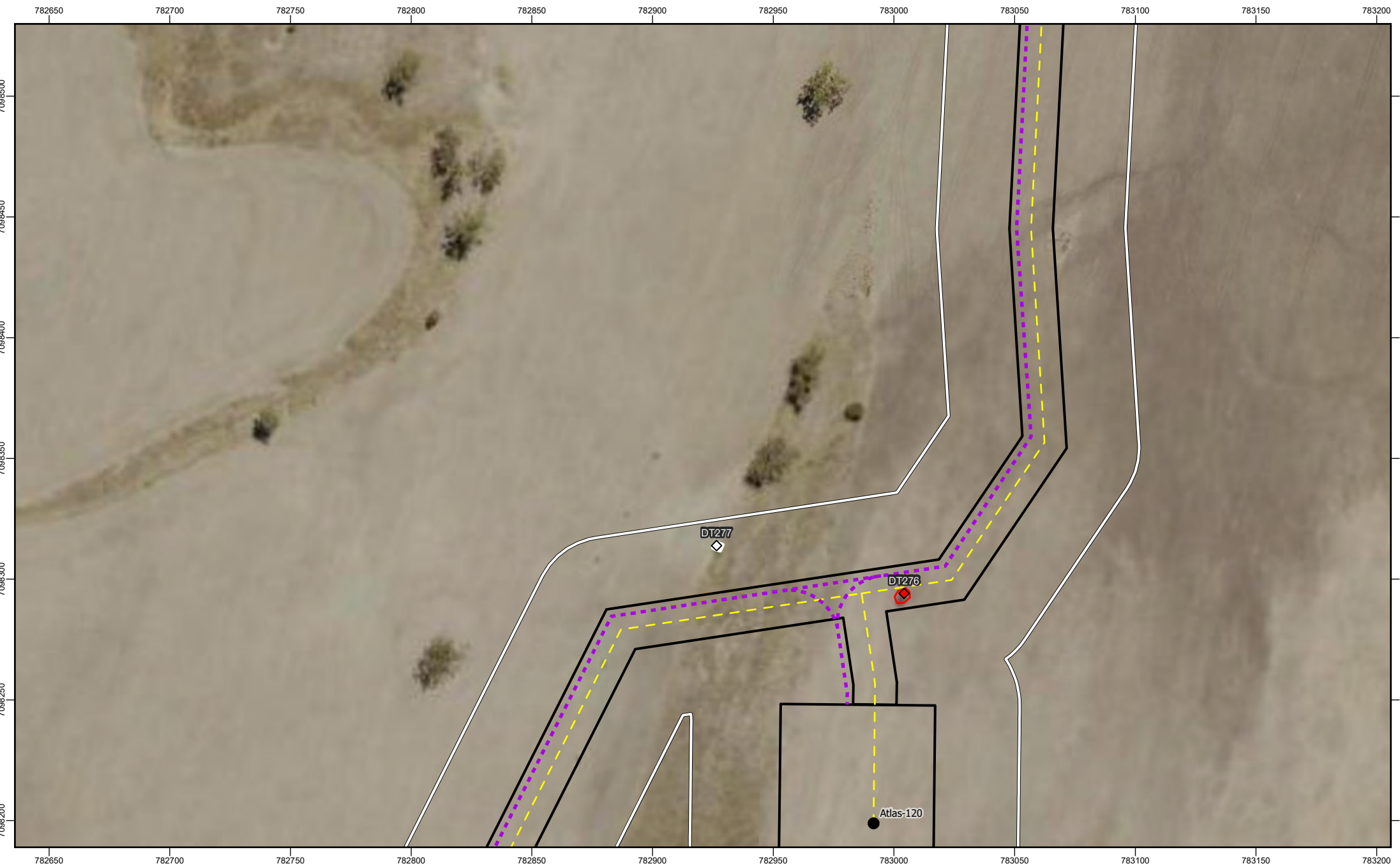




FIGURE 3-52:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Remove
-  Retain
-  Remove

Proposed Wells

-  Proposed Wells

Proposed Pipeline

-  Proposed Pipeline

Tracks

-  Tracks
-  Tracks (Proposed)

Pre-Clearance Survey Extent

-  Pre-Clearance Survey Extent

Proposed RoW

-  Proposed RoW

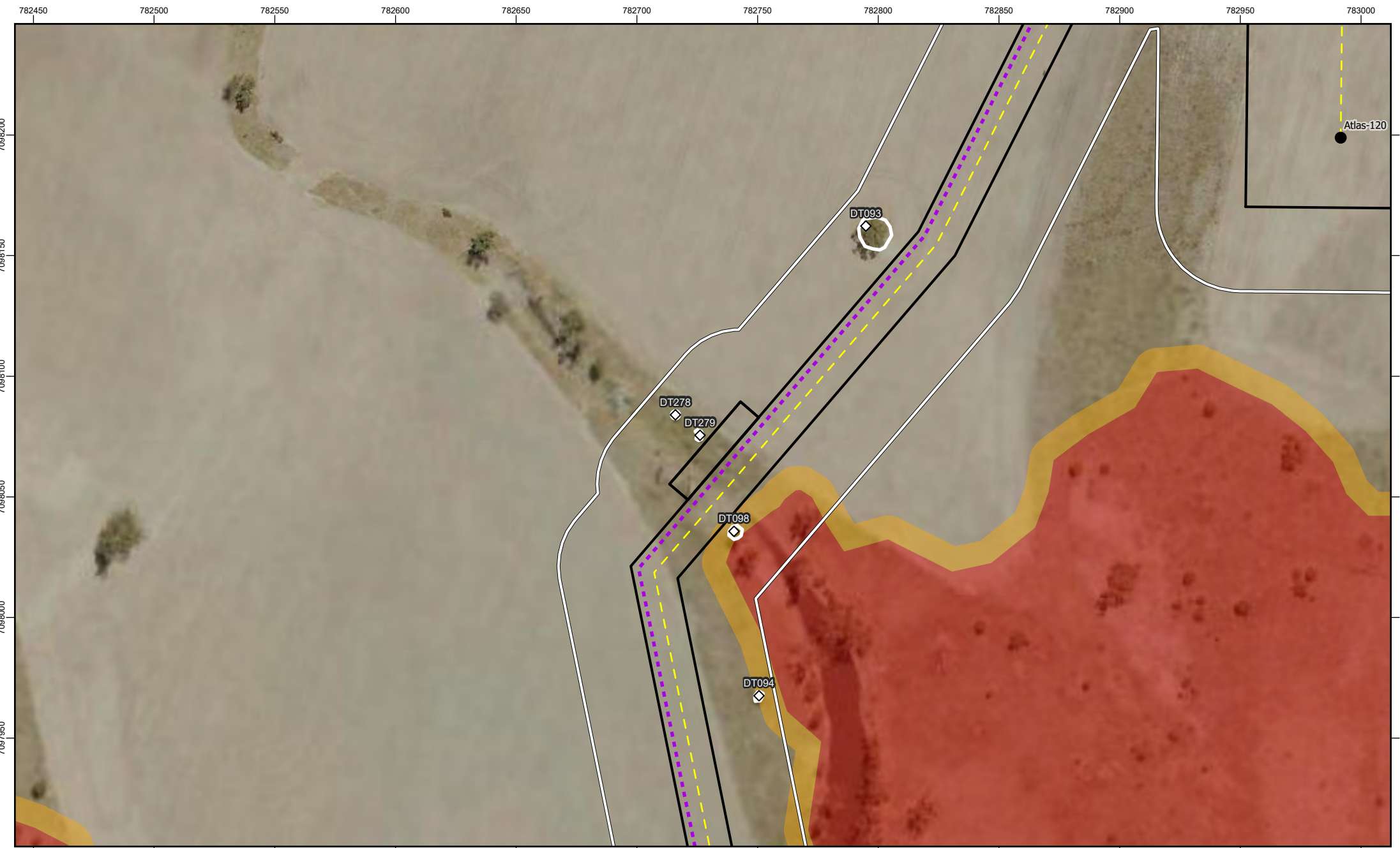


REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N



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FIGURE 3-53:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree	● Proposed Wells	Pre-Clearance Survey Extent
◇ Retain	— Proposed Pipeline	Proposed RoW
Retain	--- Tracks	
	--- Tracks (Proposed)	

REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N



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FIGURE 3-54:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

- | | | |
|--------------------|-----------------------|-------------------------------|
| Koala Habitat Tree | ● Proposed Wells | ▭ Pre-Clearance Survey Extent |
| ◊ Retain | — Proposed Pipeline | ▭ Proposed RoW |
| ▭ Retain | --- Tracks | |
| | --- Tracks (Proposed) | |

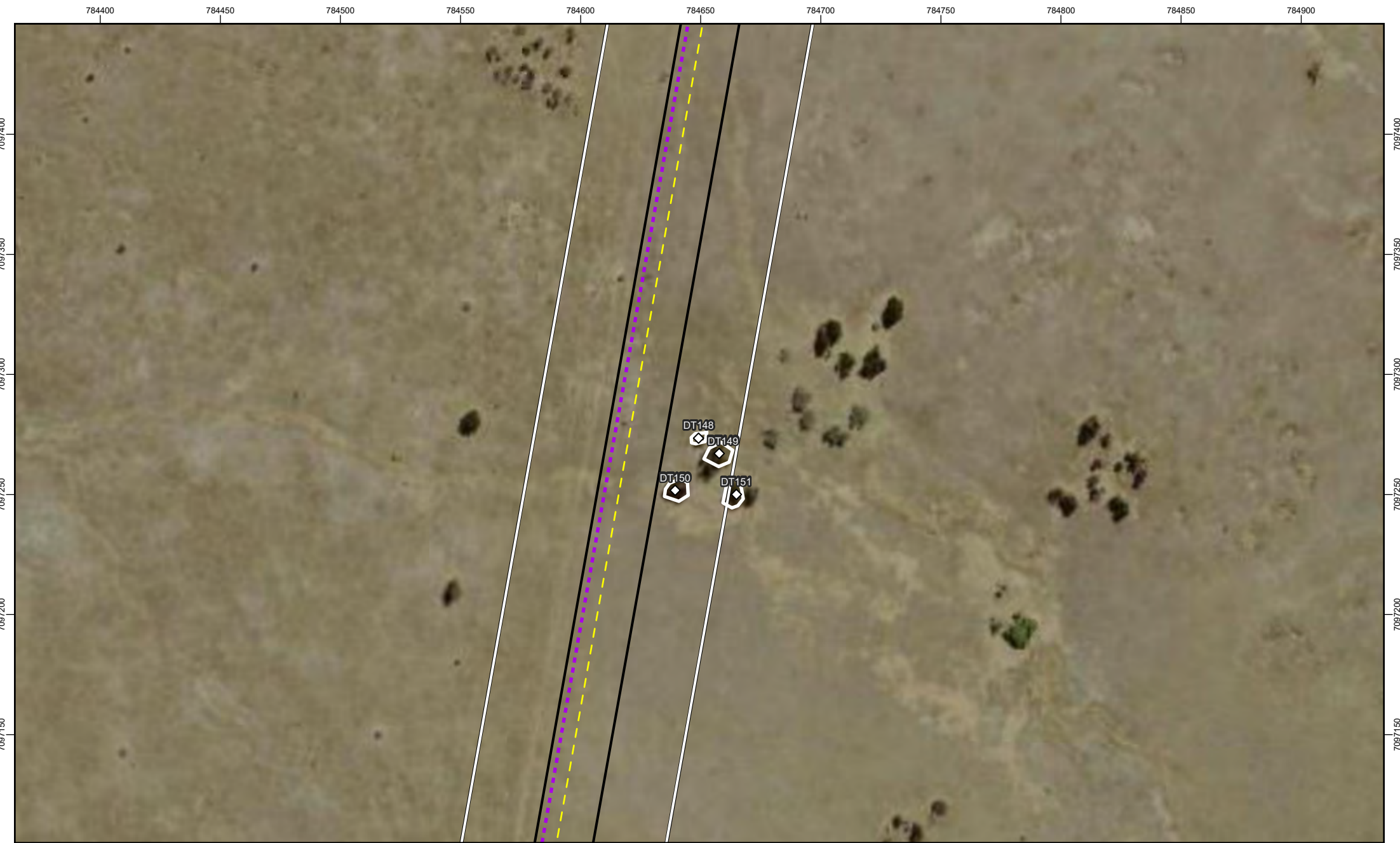


REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N



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FIGURE 3-55:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N

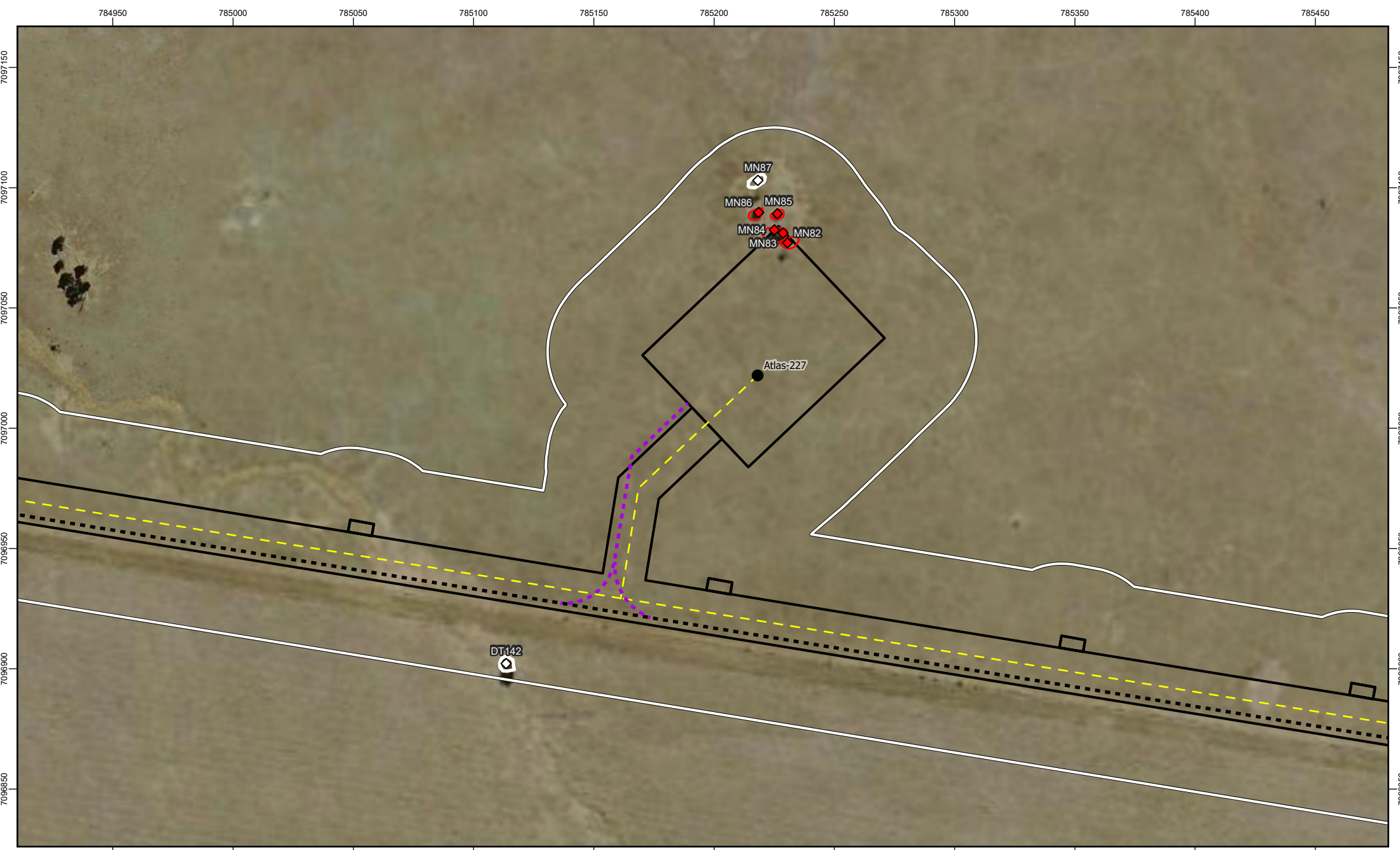




FIGURE 3-56:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Remove
-  Retain
-  Remove

-  Proposed Wells
-  Proposed Pipeline
-  Tracks
-  Tracks (Proposed)

-  Pre-Clearance Survey Extent
-  Proposed RoW



REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N





FIGURE 3-57:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree

-  Retain
-  Remove
-  Retain
-  Remove

-  Proposed Wells
-  Proposed Pipeline
-  Tracks
-  Tracks (Proposed)

-  Pre-Clearance Survey Extent
-  Proposed RoW



REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

0 25 50
Metres

N



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FIGURE 3-58:
Amber Paradise Downs
Atlas 3 - Detailed Preclear

Koala Habitat Tree	Proposed Wells	Pre-Clearance Survey Extent
Retain	Proposed Pipeline	Proposed RoW
Retain	Tracks	
	Tracks (Proposed)	



REVISION	AUTHOR	REVIEWER	DATE
3	NC	LG	09/07/2025
4	JS	LE	02/07/2026

GDA2020 MGA Zone 55
Scale: 1:2,000

N

02550

Metres

Discussion

The surveys on the Amber Downs and Paradise Downs properties found that the projects' impacts to koala habitat or dispersal habitat would be minimal with a total of 0.26 ha to be potentially cleared. The majority of the impact footprint is located within predominantly cleared agricultural areas and has actively avoided major remaining fragments of habitat and potential dispersal trees following the constraint mapping. Trees retained within close proximity to those that are unable to be avoided total 1.15 ha, and the removal of 0.26 ha is unlikely to have a significant effect on the ecological function of dispersal habitat on the property for koalas.

Due to recent clearing of vegetation by the landholder, potential koala habitat trees that are visible on aerial imagery are not standing anymore and

No remnant or HVR regulated vegetation, TEC and potential threatened fauna habitat are present within The Footprint. Threatened flora searches found no threatened species within or in proximity to The Footprint. Numerous weed species were observed on the property, notably listed restricted and WoNS; common prickly pear (*Opuntia stricta*), velvety tree pear (*Opuntia tomentosa*) and harrissia cactus (*Harrissia martini*).

The area is a known echidna and potential koala dispersal area. Numerous other least concern species were observed in the area and a total of 74 habitat features were recorded within The Footprint. Several patches within The Footprint have been mapped as habitat as there were many habitat features in a certain area such as coarse woody debris and stags. It is recommended that a qualified fauna spotter catcher undertake a pre-clearance survey across the disturbance footprint to identify habitat features prior to clearing and be present during clearing works to check habitat features and relocate fauna, and where possible habitat features in order to minimise impacts to fauna.

Appendix A – Fauna records

Scientific Name	Common Name	NC/EPBC Listing or non-native (*)
Avifauna		
<i>Acanthiza uropygialis</i>	chestnut-rumped thornbill	C
<i>Aprosmictus erythropterus</i>	red-winged parrot	C
<i>Aquila audax</i>	wedge-tailed eagle	C
<i>Ardeotis australis</i>	Australian bustard	C
<i>Cacatua galerita</i>	sulphur-crested cockatoo	C
<i>Cacatua sanguinea</i>	little corella	C
<i>Centropus phasianinus</i>	pheasant coucal	C
<i>Chenonetta jubata</i>	Australian wood duck	C
<i>Corvus orru</i>	Torresian crow	C
<i>Cracticus nigrogularis</i>	pied butcherbird	C
<i>Cracticus torquatus</i>	grey butcherbird	C
<i>Dacelo novaeguineae</i>	laughing kookaburra	C
<i>Dromaius novaehollandiae</i>	emu	C
<i>Eolophus roseicapilla</i>	galah	C
<i>Gerygone olivacea</i>	white-throated gerygone	C
<i>Grallina cyanoleuca</i>	magpie lark	C
<i>Gymnorhina tibicen</i>	Australian magpie	C
<i>Haliastur sphenurus</i>	whistling kite	C
<i>Hirundo neoxena</i>	welcome swallow	C
<i>Manorina melanocephala</i>	noisy miner	C
<i>Milvus migrans</i>	black kite	C
<i>Myiagra rubecula</i>	leaden flycatcher	C
<i>Nymphicus hollandicus</i>	cockatiel	C
<i>Ocyphaps lophotes</i>	crested pigeon	C
<i>Pachycephala rufiventris</i>	rufous whistler	C
<i>Pardalotus striatus</i>	striated pardalote	C
<i>Petrochelidon nigricans</i>	tree martin	C
<i>Philemon corniculatus</i>	noisy friarbird	C
<i>Platalea flavipes</i>	yellow-billed spoonbill	C
<i>Platycercus adscitus</i>	pale-headed rosella	C
<i>Podargus strigoides</i>	tawny frogmouth	C
<i>Pomatostomus temporalis</i>	grey-crowned babbler	C
<i>Rhipidura albiscapa</i>	grey fantail	C
<i>Rhipidura leucophrys</i>	willie wagtail	C
<i>Struthidea cinerea</i>	apostlebird	C
<i>Trichoglossus moluccanus</i>	rainbow lorikeet	C
<i>Trichosurus vulpecula</i>	common brushtail possum	C
<i>Vanellus tricolor</i>	banded lapwing	C
Mammals		
<i>Aepyprymnus rufescens</i>	rufous bettong	C
<i>Lepus europaeus</i>	European brown hare	*
<i>Macropus giganteus</i>	Eastern grey kangaroo	C
<i>Phascolarctos cinereus**</i>	koala	E ¹
<i>Tachyglossus aculeatus**</i>	short-beaked echidna	SLC
Reptiles		
<i>Antaresia maculosa</i>	spotted python	C
<i>Carlia vivax</i>	lively rainbow skink	C

** Scats only

¹Listed Endangered in both NC and EPBC Act

Appendix B – Habitat features

Habitat type	Habitat location	
Nest	149.839959	-26.205246
Casuarina cristata Groves	149.839511	-26.204478
Casuarina cristata Groves	149.866263	-26.171543
Casuarina cristata Groves	149.865275	-26.171071
Casuarina cristata Groves	149.856112	-26.170517
Casuarina cristata Groves	149.844306	-26.169961
Casuarina cristata Groves	149.846195	-26.169135
Casuarina cristata Groves	149.846144	-26.168639
Casuarina cristata Groves	149.84605	-26.167818
Casuarina cristata Groves	149.846146	-26.168843
Casuarina cristata Groves	149.860137	-26.173863
Mud Flat	149.845505	-26.177293
Nest	149.848511	-26.176327
Casuarina cristata Groves	149.843799	-26.171207
Casuarina cristata Groves	149.841155	-26.172716
Casuarina cristata Groves	149.843676	-26.172316
Casuarina cristata Groves	149.843837	-26.171345
Casuarina cristata Groves	149.843597	-26.171765
Casuarina cristata Groves	149.843499	-26.171855
Casuarina cristata Groves	149.843766	-26.171253
Casuarina cristata Groves	149.84377	-26.17118
Casuarina cristata Groves	149.843622	-26.170774
Stags	149.839563	-26.193697
Stag	149.839823	-26.193936
Casuarina cristata Groves	149.835204	-26.203831
Stags	149.836653	-26.201066
Casuarina cristata Groves	149.835287	-26.202821
Waterbody	149.831936	-26.206195
Casuarina cristata Groves	149.837921	-26.204941
Casuarina cristata Groves	149.843123	-26.211812
Casuarina cristata Groves	149.840136	-26.213452
Casuarina cristata Groves	149.84409	-26.198001
Wetland	149.83834	-26.21441
Casuarina cristata Groves	149.851644	-26.217772
Casuarina cristata Groves	149.847789	-26.215899
Casuarina cristata Groves	149.847791	-26.216535
Casuarina cristata Groves	149.854985	-26.20786
Logs	149.815852	-26.190519
Stick Nest	149.865525	-26.170976
Course woody debris	149.865506	-26.171007
Tree Hollows	149.834981	-26.168512
Tree Hollows	149.820179	-26.19069
Tree Hollows	149.820281	-26.190699
Tree Hollows	149.822238	-26.187649
Stick Nest	149.823062	-26.187833
Tree Hollows	149.82349	-26.188457
Burrow	149.835395	-26.192463
Eagle nest	149.825429	-26.185388
Tree Hollows	149.825746	-26.185396

Habitat type	Habitat location	
Stick nest	149.835609	-26.192459
Tree Hollows	149.836426	-26.176686
Tree Hollows	149.842112	-26.179665
Log Pile	149.847302	-26.171364
Log Pile	149.846335	-26.171773
fence material	149.842037	-26.184502
Stag Hollow	149.830881	-26.196866
Stick nest	149.831214	-26.19674
Stag	149.83131	-26.196314
Stick nest	149.835001	-26.202932
Course woody debris	149.827651	-26.200505
Arboreal termite nest	149.827693	-26.200476
Log	149.833178	-26.204491
Stag	149.830639	-26.199917
Log	149.830555	-26.199979
Platform nest	149.836421	-26.211143
Tree Hollows	149.838152	-26.215841
Tree Hollows	149.827671	-26.200437
Stick and fence material	149.861312	-26.218037
Stick and fence material	149.861466	-26.216709
Stick and fence material	149.861755	-26.215759
Stick and fence material	149.862003	-26.214236
Melon hole	149.861788	-26.214054
Medium stick nest	149.861218	-26.21848
Stick nest	149.861243	-26.209151

Appendix C – Weed species list

Scientific Name	Status	Abundance
<i>Argemone ochroleuca</i>	*	Frequent
<i>Bidens Pilosa</i>	*	Occasional
<i>Bothriochloa pertusa</i>	*	Rare
<i>Cenchrus ciliaris</i>	*	Abundant
<i>Chloris gayana</i>	*	Occasional
<i>Cirsium vulgare</i>	*	Occasional
<i>Cynodon dactylon</i>	*	Rare
<i>Echinochloa colona</i>	*	Frequent
<i>Eragrostis trichophora</i>	*	Common
<i>Erigeron bonariensis</i>	*	Occasional
<i>Gamochaeta pensylvanica</i>	*	Frequent
<i>Glandularia aristigera</i>	*	Frequent
<i>Harrissia martini</i>	Restricted - Category 3	Rare
<i>Lysimachia arvensis</i>	*	Rare
<i>Malvastrum americanum</i>	*	Frequent
<i>Malvastrum coromandelianum</i>	*	Occasional
<i>Medicago polymorpha</i>	*	Occasional
<i>Megathyrus maximus</i>	*	Occasional
<i>Melilotus indicus</i>	*	Occasional
<i>Melinis repens</i>	*	Occasional
<i>Panicum coloratum</i>	*	Frequent
<i>Phyla canescens</i>	*	Occasional
<i>Rapistrum rugosum</i>	*	Occasional
<i>Sida rhombifolia</i>	*	Frequent
<i>Sisymbrium irio</i>	*	Occasional
<i>Sonchus oleraceus</i>	*	Frequent
<i>Symphyotrichum subulatum</i>	*	Rare
<i>Tagetes minuta</i>	*	Rare
<i>Urochloa mosambicensis</i>	*	Common
<i>Vachellia farnesiana</i>	*	Common
<i>Verbena bonariensis</i>	*	Occasional
<i>Xanthium occidentale</i>	*	Occasional
<i>Xanthium spinosum</i>	*	Frequent
<i>Opuntia stricta</i>	Restricted - Category 3	Occasional
<i>Opuntia tomentosa</i>	Restricted - Category 3	Occasional

Appendix D – Erosion points and photos

Type of Erosion	Longitude	Latitude	Photo
Slight erosion up to wellpad	149.819	-26.2035	
Gully erosion	149.8195	-26.2118	
Large gully erosion forming into a channel. Mud flats and limited water present.	149.834	-26.1925	
Erosion gully 1m deep bank	149.8198	-26.1866	
Erosion	149.8271	-26.1771	

Type of Erosion	Longitude	Latitude	Photo
Drainage ditch / erosion gully. Completely dry currently.	149.8395	-26.2045	
1m erosion bank	149.84	-26.2061	
Creek erosion- alignment will need to be shifted	149.8499	-26.2069	
2m erosion bank	149.8616	-26.2091	