

Arnhem Space Centre

LAND VEGETATION MANAGEMENT PLAN
SCALE 1:5000

No.	Description	Date
001	REVISION: MASTER PLAN (2ND EDITION)	02/10/24
002	REVISION: MASTER PLAN (LAYOUT)	02/10/24
003	REVISION: MASTER PLAN (LAYOUT)	02/10/24
004	REVISION: MASTER PLAN (LAYOUT)	02/10/24
005	REVISION: MASTER PLAN (LAYOUT)	02/10/24



ARNHEM SPACE CENTRE - STAGE 2 - NORTHERN TERRITORY
NEAR NHULUNBUY
EQUATORIAL LAUNCH AUSTRALIA

ELA Drg. No.	ASC-SIT-MST-013-ENV1
LAND VEGETATION MANAGEMENT PLAN	
Project number	2021056
Date	28.04.2024
Drawn by	A. TELING
Checked by	A. TELING
Scale	1:5000
File	PLA

LEGEND

NATIVE VEGETATION MANAGEMENT TABLE:

DESIGNATION	VEGETATION MANAGEMENT AREA (Ha)	VEGETATION REMOVAL AREA (Ha)	DIFF (%)
BOM (BUREAU OF METEOROLOGY)	0.306	0.208	100
ETS (ENGINE TEST SITE)	1.140	1.140	100
NATIVE 1	30.164	4.899	16.23
NATIVE 2	31.808	7.512	23.61
NATIVE 3	3.564	0.587	16.47
NATIVE 4	7.952	-	-
NATIVE 5	4.610	-	-
NATIVE 6	33.304	12.630	39.72
NATIVE 7	3.999	-	-
NATIVE 8	0.407	-	-
NATIVE 9 (Falls Within Asbestos 'No Go Zone' - No Clearing)	1.807	-	-
NATIVE 10	0.090	0.090	4.98
STR1 (STATIC TEST RIG SITE 1)	0.720	0.720	100
Totals Native Vegetation Management:	119.801	26.400	

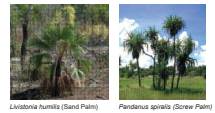
AREAS WHERE RE-VEGETATION HAS OCCURRED	25.51	2.485	9.74
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VEGETATION/GROUND CATEGORIZATION:

- CLEARED LAND (NOT CURRENTLY RE-PLANTED OR REGROWN)
- AREAS WHERE VEGETATION HAS RE-GROWN
- PROPOSED AREAS FOR CLEARING ROADS AND CONSTRUCTION (AS CAPTURED IN VEGETATION MANAGEMENT AREAS)
- FORMER ELDO RADAR SITE LOCATION

NOTES:

- Areas shown hatched are proposed to have trees removed and underlying vegetation partially removed as required.
- Removed underlying vegetation is intended to be relocated to areas where trees have been removed, or to be reused for new landscaped areas where possible.
- Areas that have previously been cleared or are to be cleared for the construction of new buildings, landscaping including the use where possible of removed vegetation will be adopted on a site by site basis.
- Examples of existing native vegetation to be relocated to areas not subjected to "Line of Sight" if within the land clearing areas are as follows:



- Remove any seedlings of *Grevillea pteridifolia* and *Melaleuca viridiflora* for replanting around areas to be landscaped (i.e. around proposed buildings where line of sight will not be affected).
- Additional grass cover seeds, seedlings and ground cover where required to be sourced from the Gulkula Plant Nursery (Contact: Tracy Menon +61 450 201 466).
- Refer to the EcoZ documentation for context of the below Figure 4-1 and Table 4-3 which outline the land types associated with vegetation surveyed on the site.

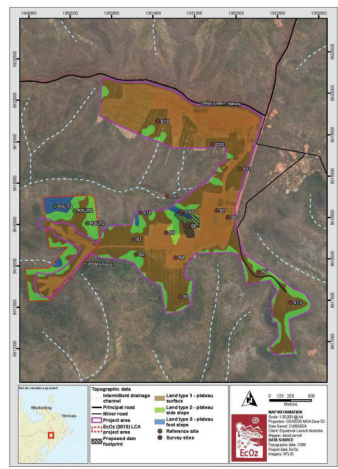


Figure 4-1. Map of land types within the project area

Table 4-3. Land type descriptions for the project area

Land type	Survey sites	Description
Land type 1 - Plateau surface	S11, S2, S3, S4, S5, S6, S7, S8, S10, S11, S12, C02	Basaltic plateau surface with slopes ranging from 1% to 5%. Supporting a <i>Eucalyptus tereticornis</i> woodland. Support species including <i>Livistona humilis</i> , <i>Erythronium chlorostachya</i> and <i>Pandanus spiralis</i> in the shrub layer, overtopping well drained rocky, granule (rudaceous) soils.
Land type 2 - Plateau side slope	S8, S13	Plateau side slope with slopes ranging from 15% to 45%. Supporting a <i>Eucalyptus tereticornis</i> woodland. Support species including <i>Livistona humilis</i> , <i>Erythronium chlorostachya</i> and <i>Pandanus spiralis</i> in the shrub layer, overtopping well drained rocky, granule (rudaceous) soils.
Land type 3 - Plateau foot slope	C01, C03	Plateau foot slope with slopes ranging from 2% to 5%. Supporting a <i>Eucalyptus tereticornis</i> open woodland. Support species including <i>Grevillea pteridifolia</i> , <i>Melaleuca viridiflora</i> , <i>Livistona humilis</i> , <i>Erythronium chlorostachya</i> and <i>Pandanus spiralis</i> and in the shrub layer, overtopping shallow poorly drained sandy loam soils, receiving seepage and overland flows during the annual wet season.