

Appendix G Fauna Site Sheets

Vertebrate Fauna Survey

North Star Junction Additional Area

Fortescue Pty Ltd

SLR Project No.: 675.072466.00001

17 September 2025

NS-TRA-01

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1245743	Longitude	118.74908
Date	22-03-2022	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Ironstone, Quartz		
Aspect	-		Pebble/stone cover	Small Stones (0.6 - 2 cm), Stones (2 - 6 cm)		
Soil type	Sandy clay		Rock/boulder cover	Absent		
Soil colour	Brown, Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	High quality		Water Source	Absent		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Hummocks		
Disturbance	None observed					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	<i>Absent</i>			
Mid stratum	Absent	Absent	<i>Absent</i>			
Ground stratum	Low (>0.5 m)	Open hummock grassland (20-50%)	<i>Triodia lanigera</i>			



Fulcrum photo ID 03bad0d5-6016-4f3d-94c5-37d0aa8d0430

NS-TRA-02

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1262403	Longitude	118.7731796
Date	16-03-2022	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Laterite, Quartz		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm), Small Stones (0.6 - 2 cm), Stones (2 - 6 cm)		
Soil type	Sandy clay		Rock/boulder cover	Absent		
Soil colour	Brown, Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Very good		Water Source	Absent		
Fire History	Unknown		Microhabitats	Hummocks, Leaf litter, Peeling bark, Rock crevices, Woody debris		
Disturbance	Weeds					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	<i>Absent</i>			
Mid stratum	Mid (1-2 m)	Sparse shrubland and/or heathland (0.25-20%)	<i>Acacia inaequilatera (Grevillea wickhamii subsp. hispidula), A. ancistrocarpa, A. acadenia and Petalostylis labicheoides</i>			
Ground stratum	Low (>0.5 m)	Hummock grassland (50-80%)	<i>Triodia lanigera</i>			



Fulcrum photo ID 203bc79a-25cc-422c-801e-cb4fd20e2070

NS-TRA-03

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1623542	Longitude	118.8891057
Date	21-03-2022	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Drainage line		Rock type/s	Calcrete, Granite		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm), Small Stones (0.6 - 2 cm), Stones (2 - 6 cm)		
Soil type	Clay		Rock/boulder cover	Absent		
Soil colour	Brown, Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Good		Water Source	Absent		
Fire History	Unknown		Microhabitats	Hollows - trees, Peeling bark, Woody debris		
Disturbance	Vehicle tracks, Weeds					
Introduced fauna	Cattle		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Mid (10-30 m)	Open woodland (0.25-20%)	<i>Eucalyptus camaldulens subsp. refulgens</i> and <i>E. victrix</i>			
Mid stratum	Mid (1-2 m)	Shrubland and/or heathland (50-80%)	<i>Acacia eriopoda</i> , and <i>A. colei</i> var. <i>colei</i>			
Ground stratum	Mid (0.5-1 m)	Tussock grassland (50-80%)	<i>Triodia epactia</i>			



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NS-TRA-04

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1958436	Longitude	118.8688975
Date	21-03-2022	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Drainage line		Rock type/s	Granite, Quartz		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm), Small Stones (0.6 - 2 cm), Stones (2 - 6 cm)		
Soil type	Clay		Rock/boulder cover	Small Rocks (6 - 20 cm)		
Soil colour	Brown, Orange, Red		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Very good		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Hummocks, Leaf litter, Peeling bark, Rock crevices, Woody debris		
Disturbance	Vehicle tracks					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	Absent			
Mid stratum	Tall (>2 m)	Open shrubland and/or heathland (20-50%)	<i>Acacia eriopoda</i> , and <i>A. colei</i> var. <i>colei</i>			
Ground stratum	Mid (0.5-1 m)	Hummock grassland (50-80%)	<i>Triodia epactia</i>			



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NS-TRA-05

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1943772	Longitude	118.8508486
Date	17-03-2022	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Calcrete,Ironstone		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm),Small Stones (0.6 - 2 cm),Stones (2 - 6 cm)		
Soil type	Sand		Rock/boulder cover	Absent		
Soil colour	Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Very good		Water Source	Absent		
Fire History	Unknown		Microhabitats	Hummocks,Leaf litter,Peeling bark,Woody debris		
Disturbance	None observed					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Low (<10 m)	Isolated trees (<0.25%)	<i>Corymbia hamersleyana</i>			
Mid stratum	Mid (1-2 m)	Shrubland and/or heathland (50-80%)	<i>Acacia acradenia, Petalostylis labicheoides, and Grevillea wickhamii (A. inaequilatera)</i>			
Ground stratum	Mid (0.5-1 m)	Hummock grassland (50-80%)	<i>Triodia chichesterensis and Triodia wiseana</i>			



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NS-TRA-06

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.2291676	Longitude	118.8638312
Date	17-03-2022	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Drainage line		Rock type/s	Ironstone,Quartz		
Aspect	-		Pebble/stone cover	Stones (2 - 6 cm)		
Soil type	Rock		Rock/boulder cover	Small Rocks (6 - 20 cm)		
Soil colour	Brown,Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Disturbed		Water Source	Absent		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Leaf litter,Rock crevices,Woody debris		
Disturbance	Clearing,Overgrazing,Vehicle tracks					
Introduced fauna	Cattle		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Mid (10-30 m)	Open woodland (0.25-20%)	<i>Eucalyptus victrix and Corymbia hamersleyana</i>			
Mid stratum	Mid (1-2 m)	Sparse shrubland and/or heathland (0.25-20%)	<i>Acacia trachycarpa (Atalaya hemiglaucua, A. pyrifolia, Cullen leucanthum)</i>			
Ground stratum	Low (>0.5 m)	Open hummock grassland (20-50%)	<i>Triodia epactia and T. longiceps</i>			



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NS-TRA-07

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.2963766	Longitude	118.8233928
Date	22-03-2022	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Drainage line		Rock type/s	Granite, Quartz		
Aspect	-		Pebble/stone cover	Absent		
Soil type	Sandy clay		Rock/boulder cover	Boulders (>2 m)		
Soil colour	Grey, White		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	High quality		Water Source	Absent		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Hummocks, Rock crevices		
Disturbance	Infrastructure					
Introduced fauna	Dog		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	<i>Absent</i>			
Mid stratum	Absent	Absent	<i>Absent</i>			
Ground stratum	Low (>0.5 m)	Closed hummock grassland (>80%)	<i>Triodia epactia and T. lanigera</i>			



Fulcrum photo ID cf68825b-cbb1-4b86-9029-8c9f38b7478a

NS-TRA-08

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1682737	Longitude	118.7634583
Date	25-10-2024	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Ironstone, Quartz		
Aspect	Negligible		Pebble/stone cover	<5%		
Soil type	Clay		Rock/boulder cover	Absent		
Soil colour	Orange, Red		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Hummocks, Termite mounds		
Disturbance						
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	<i>Absent</i>			
Mid stratum	Mid (1-2 m)	Sparse shrubland and/or heathland (0.25-20%)	<i>Acacia inaequilatera (Grevillea wickhamii subsp. hispidula), A. ancistrocarpa, A. acradenia and Petalostylis labicheoides</i>			
Ground stratum	Mid (0.5-1 m)	Closed hummock grassland (>80%)	<i>Triodia wiseana, Triodia longiceps</i>			



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NS-TRA-09

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1785168	Longitude	118.7744405
Date	25-10-2024	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Escarpment		Rock type/s	Ironstone, Quartz		
Aspect	Southeast		Pebble/stone cover	75 - 100%		
Soil type	Sand		Rock/boulder cover	25 - 50%		
Soil colour	Orange,Red		Outcropping cover	25 - 50%		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Hummocks, Rock crevices		
Disturbance	None observed					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	Absent			
Mid stratum	Mid (1-2 m)	Sparse shrubland and/or heathland (0.25-20%)		<i>Acacia inaequilatera</i> (<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>), <i>A. ancistrocarpa</i> , <i>A. acradenia</i> and <i>Petalostylis labicheoides</i>		
Ground stratum	Mid (0.5-1 m)	Hummock grassland (50-80%)		<i>Triodia wiseana</i> , <i>Triodia longiceps</i>		



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NS-TRA-10

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1560841	Longitude	118.7807266
Date	25-10-2024	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Absent		
Aspect	Negligible		Pebble/stone cover	Absent		
Soil type	Sand		Rock/boulder cover	Absent		
Soil colour	Orange,Red		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Hummocks		
Disturbance	None observed					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	Absent			
Mid stratum	Mid (1-2 m)	Sparse shrubland and/or heathland (0.25-20%)		<i>Acacia inaequilatera</i> (<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>), <i>A. ancistrocarpa</i> , <i>A. acradenia</i> and <i>Petalostylis labicheoides</i>		
Ground stratum	Mid (0.5-1 m)	Closed hummock grassland (>80%)		<i>Triodia wiseana</i> , <i>Triodia longiceps</i>		



Fulcrum photo ID 762e674f-c113-49c8-ba90-7524d9b7871e

NS-TRA-11

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1388492	Longitude	118.7955763
Date	24-10-2024	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Hot dry
Landform and Soil			Rock			
Landform	River		Rock type/s	Granite, Greenstone		
Aspect	Northwest		Pebble/stone cover	5 - 25%		
Soil type	Sand		Rock/boulder cover	5 - 25%		
Soil colour	Orange,Red,Yellow		Outcropping cover	5 - 25%		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Woody debris		
Disturbance	Trampling/rooting,Weeds					
Introduced fauna	Cat, Cattle		Leaf litter cover	5 - 25%		
Vegetation						
Upper stratum	Mid (10-30 m)	Open woodland (0.25-20%)		<i>Eucalyptus camaldulens subsp. refulgens</i> , <i>E. victrix</i> , <i>Melaleuca argentea</i>		
Mid stratum	Mid (1-2 m)	Open shrubland and/or heathland (20-50%)		<i>Acacia coriacea subsp. pendens</i> , <i>A. trachycarpa (A. ampliceps)</i> , <i>Melaleuca glomerata</i> and <i>M. linophylla</i>		
Ground stratum	Tall (1-2 m)	Hummock grassland (50-80%)		<i>Cyperus vaginatus</i> , <i>C. ixiocarpus</i> and <i>Triodia longiceps (T. epactia)</i>		



Fulcrum photo ID 9db7a153-628c-4946-89f8-4982bcc6516f

NS-TRA-12

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1454735	Longitude	118.8129731
Date	26-10-2024	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Ironstone, Quartz		
Aspect	Negligible		Pebble/stone cover	<5%		
Soil type	Clay		Rock/boulder cover	<5%		
Soil colour	Orange,Red		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Hummocks, Termite mounds		
Disturbance	None observed					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Low (<10 m)	Isolated trees (<0.25%)		<i>Corymbia hammersleyana</i>		
Mid stratum	Low (0.5-1 m)	Open shrubland and/or heathland (20-50%)		<i>Acacia inaequilatera (Grevillea wickhamii subsp. hispidula)</i> , <i>A. ancistrocarpa</i> , <i>A. acradenia</i> and <i>Petalostylis labicheoides</i>		
Ground stratum	Mid (0.5-1 m)	Hummock grassland (50-80%)		<i>Triodia wiseana</i> , <i>Triodia longiceps</i>		



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NS-TRA-13

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1658995	Longitude	118.817433
Date	24-10-2024	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Drainage line		Rock type/s	Ironstone		
Aspect	South		Pebble/stone cover	5 - 25%		
Soil type	Sand		Rock/boulder cover	5 - 25%		
Soil colour	Orange,Red		Outcropping cover	<5%		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Hummocks, Peeling bark, Woody debris		
Disturbance	Trampling/rooting					
Introduced fauna	Cattle		Leaf litter cover	<5%		
Vegetation						
Upper stratum	Mid (10-30 m)	Open woodland (0.25-20%)	<i>Eucalyptus camaldulens subsp. refulgens</i> , <i>E. victrix</i> , <i>Melaleuca argentea</i>			
Mid stratum	Tall (>2 m)	Open shrubland and/or heathland (20-50%)	<i>Acacia coriacea subsp. pendens</i> , <i>A. trachycarpa (A. ampliceps)</i> , <i>Melaleuca glomerata</i> and <i>M. linophylla</i>			
Ground stratum	Mid (0.5-1 m)	Open rushland and/or sedgeland (20-50%)	<i>Cyperus vaginatus</i> , <i>C. ixiocarpus</i> and <i>Triodia longiceps (T. epactia)</i>			



Fulcrum photo ID cc97c0be-62c8-41ad-bd1e-3e07b2793275

NS-TRA-14

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1826194	Longitude	118.8310203
Date	22-10-2024	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Drainage line		Rock type/s	Dolerite, Greenstone, Ironstone, Quartz		
Aspect	East		Pebble/stone cover	25 - 50%		
Soil type	Sandy clay		Rock/boulder cover	5 - 25%		
Soil colour	Orange,Red		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Burrows, Hummocks, Tree hollows, Woody debris, gibber		
Disturbance	Dust					
Introduced fauna	Cattle		Leaf litter cover	<5%		
Vegetation						
Upper stratum	Low (<10 m)	Isolated trees (<0.25%)	<i>Corymbia hamersleyana</i>			
Mid stratum	Tall (>2 m)	Isolated shrubs and/or heath shrubs (<0.25%)	<i>Acacia inaequilatera (Grevillea wickhamii subsp. hispidula)</i> , <i>A. ancistrocarpa</i> , <i>A. acradenia</i> and <i>Petalostylis labicheoides</i>			
Ground stratum	Mid (0.5-1 m)	Hummock grassland (50-80%)	<i>Triodia wiseana</i> , <i>Triodia longiceps</i>			



Fulcrum photo ID f60c32fa-2ba5-4328-918a-16cbee15b6a1

NS-TRA-15

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1635955	Longitude	118.8316035
Date	22-10-2024	Sample Type	Terrestrial vertebrate fauna - Trap site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Ironstone, Quartz		
Aspect	Negligible		Pebble/stone cover	50-75%		
Soil type	Clay		Rock/boulder cover	5 - 25%		
Soil colour	Orange, Red		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Moderate		Water Source	Absent		
Fire History	Unknown		Microhabitats	Hummocks		
Disturbance	None observed					
Introduced fauna	None observed		Leaf litter cover	<5%		
Vegetation						
Upper stratum	Low (<10 m)	Isolated trees (<0.25%)		<i>Corymbia hamersleyana</i>		
Mid stratum	Mid (1-2 m)	Open shrubland and/or heathland (20-50%)		<i>Acacia acradenia, Petalostylis labicheoides, and Grevillea wickhamii (A. inaequilatera)</i>		
Ground stratum	Mid (0.5-1 m)	Hummock grassland (50-80%)		<i>Triodia chichesterensis and Triodia wiseana</i>		



Fulcrum photo ID 98ccab1c-f63a-4cca-9361-d82020fa6723,00fe1f3b-a708-4298-bfdb-

NS-CAM-16

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1770233	Longitude	118.7680194
Date	27-10-2024	Sample Type	Terrestrial vertebrate fauna - Camera site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Outcrop/breakaway		Rock type/s	Ironstone		
Aspect	East		Pebble/stone cover	<5%		
Soil type	Rock		Rock/boulder cover	25 - 50%		
Soil colour	Red		Outcropping cover	50 - 75%		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Unknown		Microhabitats	Caves, Exfoliating rock, Hummocks, Rock crevices		
Disturbance	None observed					
Introduced fauna	None observed		Leaf litter cover	<5%		
Vegetation						
Upper stratum	Absent	Absent		Absent		
Mid stratum	Low (0.5-1 m)	Isolated shrubs and/or heath shrubs (<0.25%)		<i>Acacia inaequilatera (Grevillea wichamii subsp. hispida)</i>		
Ground stratum	Low (>0.5 m)	Sparse hummock grassland (0.25-20%)		<i>Triodia wiseana</i>		



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NS-CAM-17

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1554149	Longitude	118.800578
Date	27-10-2024	Sample Type	Terrestrial vertebrate fauna - Camera site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Drainage line		Rock type/s	Ironstone		
Aspect	South		Pebble/stone cover	25 - 50%		
Soil type	Sand		Rock/boulder cover	5 - 25%		
Soil colour	Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Peeling bark, Woody debris		
Disturbance	Trampling/rooting					
Introduced fauna	Cattle		Leaf litter cover	5 - 25%		
Vegetation						
Upper stratum	Mid (10-30 m)	Open woodland (0.25-20%)		<i>Eucalyptus camaldulens subsp. refulgens</i> , <i>E. victrix</i> , <i>Melaleuca argentea</i>		
Mid stratum	Tall (>2 m)	Open shrubland and/or heathland (20-50%)		<i>Acacia coriacea subsp. pendens</i> , <i>A. trachycarpa (A. amplexa)</i> , <i>Melaleuca glomerata</i> and <i>M. linophylla</i>		
Ground stratum	Mid (0.5-1 m)	Open hummock grassland (20-50%)		<i>Cyperus vaginatus</i> , <i>C. ixiocarpus</i> and <i>Triodia longiceps (T. epactia)</i>		



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NS-CAM-18

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1404146	Longitude	118.7935381
Date	27-10-2024	Sample Type	Terrestrial vertebrate fauna - Camera site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Drainage line		Rock type/s	Ironstone		
Aspect	South		Pebble/stone cover	25 - 50%		
Soil type	Sand		Rock/boulder cover	5 - 25%		
Soil colour	Orange		Outcropping cover	5 - 25%		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Peeling bark, Rock crevices, Woody debris		
Disturbance	Trampling/rooting					
Introduced fauna	Cattle		Leaf litter cover	<5%		
Vegetation						
Upper stratum	Absent	Absent		Absent		
Mid stratum	Mid (1-2 m)	Open shrubland and/or heathland (20-50%)		<i>Acacia tumida var. pilbarensis (A. eriopoda)</i>		
Ground stratum	Mid (0.5-1 m)	Sparse hummock grassland (0.25-20%)		<i>Triodia epactia</i>		



Fulcrum photo ID b9ae7358-9e3e-4421-8562-f4a669c11f2d

NS-CAM-19

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1720382	Longitude	118.8219774
Date	27-10-2024	Sample Type	Terrestrial vertebrate fauna - Camera site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Drainage line		Rock type/s	Assorted river stones		
Aspect	South		Pebble/stone cover	<5%		
Soil type	Sand		Rock/boulder cover	<5%		
Soil colour	Brown		Outcropping cover	5 - 25%		
Condition			Habitat Features			
Quality	Moderate		Water Source	Absent		
Fire History	Unknown		Microhabitats	Burrows, Hummocks, Large/hollow logs, Peeling bark, Tree hollows, Woody debris		
Disturbance	Overgrazing,Trampling/rooting,Vehicle tracks,Weeds					
Introduced fauna	Cattle		Leaf litter cover	5 - 25%		
Vegetation						
Upper stratum	Mid (10-30 m)	Open woodland (0.25-20%)		<i>Eucalyptus camaldulens subsp. refulgens</i> , <i>E. victrix</i> , <i>Melaleuca argentea</i>		
Mid stratum	Mid (1-2 m)	Open shrubland and/or heathland (20-50%)		<i>Acacia coriacea subsp. pendens</i> , <i>A. trachycarpa (A. ampliceps)</i> , <i>Melaleuca glomerata</i> and <i>M. linophylla</i>		
Ground stratum	Low (>0.5 m)	Open tussock grassland (20-50%)		<i>Cyperus vaginatus</i> , <i>C. ixiocarpus</i> and <i>Triodia longiceps (T. epactia)</i>		



Fulcrum photo ID 924884dc-d79b-4e78-942a-87165d7c98c2

NS-CAM-20

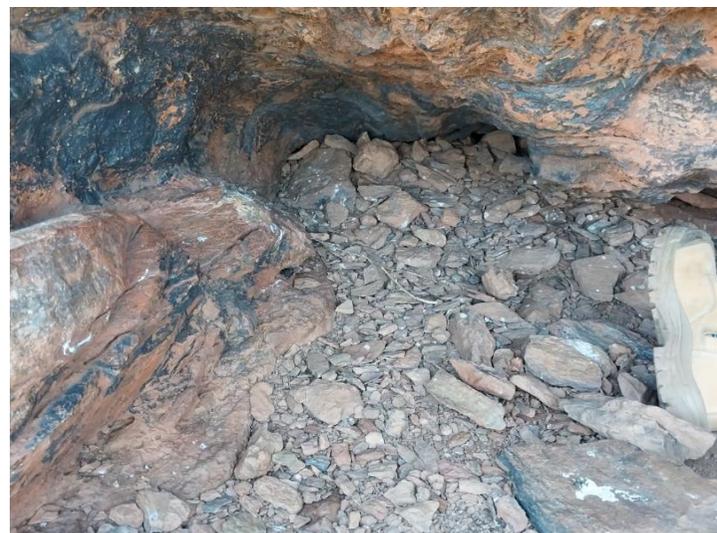
Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.179419	Longitude	118.8193945
Date	28-10-2024	Sample Type	Terrestrial vertebrate fauna - Camera site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Outcrop/breakaway		Rock type/s	Granite, Ironstone		
Aspect	Northwest		Pebble/stone cover	5 - 25%		
Soil type	Rock		Rock/boulder cover	5 - 25%		
Soil colour	Brown,Red		Outcropping cover	25 - 50%		
Condition			Habitat Features			
Quality	High		Water Source	Present		
Fire History	Unknown		Microhabitats	Exfoliating rock, Hummocks, Rock crevices, Tree hollows, Woody debris		
Disturbance	None observed					
Introduced fauna	Cattle		Leaf litter cover	<5%		
Vegetation						
Upper stratum	Absent	Absent	<i>Absent</i>			
Mid stratum	Absent	Absent	<i>Absent</i>			
Ground stratum	Low (>0.5 m)	Sparse hummock grassland (0.25-20%)		<i>Triodia epactia</i>		



Fulcrum photo ID e5d1d69a-f594-4ee2-97d5-c936a8504f30

NS-CAM-21

Project	NSJ Vertebrate Fauna Survey - Two Phase Mar 2025		Latitude	-21.1782955	Longitude	118.7671416
Date	10-04-2025	Sample Type	Terrestrial vertebrate fauna - Camera site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Drainage line		Rock type/s	Ironstone		
Aspect	South		Pebble/stone cover	75 - 100%		
Soil type	Sand		Rock/boulder cover	<5%		
Soil colour	Brown		Outcropping cover	<5%		
Condition			Habitat Features			
Quality	Moderate		Water Source	Present		
Fire History	Burnt (1-5 years)		Microhabitats	Hummocks, Peeling bark, Woody debris		
Disturbance	Clearing, Infrastructure, Trampling/rooting, Vehicle tracks, Weeds					
Introduced fauna	Cattle		Leaf litter cover	5 - 25%		
Vegetation						
Upper stratum	Absent	NA	NA			
Mid stratum	Low (0.5-1 m)	Isolated shrubs and/or heath shrubs (<0.25%)	<i>Acacia inaequilatera (Grevillea wichamii subsp. hispida)</i>			
Ground stratum	Low (>0.5 m)	Sparse hummock grassland (0.25-20%)	<i>Triodia wiseana</i>			



Fulcrum photo ID 1fb429f8-0639-42f5-ad5a-b48527cb1449

NS-CAM-22

Project	NSJ Vertebrate Fauna Survey - Two Phase Mar 2025		Latitude	-21.1740945	Longitude	118.8193177
Date	9-04-2025	Sample Type	Terrestrial vertebrate fauna - Camera site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Drainage line		Rock type/s	Ironstone		
Aspect	South		Pebble/stone cover	75 - 100%		
Soil type	Sand		Rock/boulder cover	<5%		
Soil colour	Brown		Outcropping cover	<5%		
Condition			Habitat Features			
Quality	High		Water Source	Present		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Hummocks, Peeling bark, Woody debris		
Disturbance	None observed					
Introduced fauna	None observed		Leaf litter cover	5 - 25%		
Vegetation						
Upper stratum	Mid (10-30 m)	Open woodland (0.25-20%)	<i>Eucalyptus camaldulens subsp. refulgens, E. victrix, Melaleuca argentea</i>			
Mid stratum	Tall (>2 m)	Open shrubland and/or heathland (20-50%)	<i>Acacia coriacea subsp. pendens, A. trachycarpa (A. ampliceps), Melaleuca glomerata and M. linophylla</i>			
Ground stratum	Mid (0.5-1 m)	Open rushland and/or sedgeland (20-50%)	<i>Cyperus vaginatus, C. ixiocarpus and Triodia longiceps (T. epactia)</i>			



Fulcrum photo ID 21521acd-a68d-4328-b44a-c4025c686014

NS-CAM-23

Project	NSJ Vertebrate Fauna Survey - Two Phase Mar 2025		Latitude	-21.1380277	Longitude	118.7959687
Date	10-04-2025	Sample Type	Terrestrial vertebrate fauna - Camera site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Outcrop/breakaway		Rock type/s	Greenstone		
Aspect			Pebble/stone cover	5 - 25%		
Soil type	Rock		Rock/boulder cover	<5%		
Soil colour	Grey, Orange, White		Outcropping cover	50 - 75%		
Condition			Habitat Features			
Quality	Very High		Water Source	Present		
Fire History	Unknown		Microhabitats	Caves, Exfoliating rock, Hummocks, Rock crevices		
Disturbance	None observed					
Introduced fauna	Cattle		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	NA	NA			
Mid stratum	Tall (>2 m)	Open shrubland and/or heathland (20-50%)	<i>Acacia tumida</i> var. <i>pilbarensis</i> (<i>A. eriopoda</i>)			
Ground stratum	Low (>0.5 m)	Sparse hummock grassland (0.25-20%)	<i>Triodia epactia</i>			



Fulcrum photo ID 21d2b939-7521-4db2-bd5b-01ad4c501c04

NS-BAT-01

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.184615	Longitude	118.889158
Date	21-03-2022	Sample Type	Terrestrial vertebrate fauna - ARU		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Outcrop/breakaway		Rock type/s	Granite, Quartz		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm), Small Stones (0.6 - 2 cm), Stones (2 - 6 cm)		
Soil type	Clay		Rock/boulder cover	Small Rocks (6 - 20 cm), Rocks (20 - 60 cm)		
Soil colour	Brown, Orange, Red		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Very good		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Exfoliating rock, Hummocks, Leaf litter, Peeling bark, Rock crevices, Woody debris		
Disturbance	Vehicle tracks					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	Absent			
Mid stratum	Mid (1-2 m)	Shrubland and/or heathland (50-80%)	<i>Acacia inaequilatera</i> (<i>Grevillea wichamii</i> subsp. <i>hispida</i>)			
Ground stratum	Mid (0.5-1 m)	Hummock grassland (50-80%)	<i>Triodia wiseana</i>			



Fulcrum photo ID 19281a40-c7ab-4a93-bc3e-6546f7950ab3

NS-HAB-01

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1290631	Longitude	118.7495066
Date	23-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Calcrete		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm), Small Stones (0.6 - 2 cm), Stones (2 - 6 cm)		
Soil type	Sand		Rock/boulder cover	Absent		
Soil colour	Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Very good		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Hummocks, Leaf litter, Termite mounds, Woody debris		
Disturbance	None observed					
Introduced fauna	Cat		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	<i>Absent</i>			
Mid stratum	Mid (1-2 m)	Open shrubland and/or heathland (20-50%)	<i>Acacia inaequilatera (Grevillea wickhamii subsp. hispidula), A. ancistr</i>			
Ground stratum	Mid (0.5-1 m)	Hummock grassland (50-80%)	<i>Triodia lanigera</i>			



Fulcrum photo ID d6b6a1a3-a4b8-4f59-8252-35cef7976d42

NS-HAB-02

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1923796	Longitude	118.8551903
Date	24-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Calcrete, Granite, Ironstone, Quartz		
Aspect	-		Pebble/stone cover	Stones (2 - 6 cm)		
Soil type	Clay		Rock/boulder cover	Absent		
Soil colour	Orange, Red		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	High quality		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Hummocks, Termite mounds, Woody debris		
Disturbance	None observed					
Introduced fauna	Cattle		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	<i>Absent</i>			
Mid stratum	Absent	Absent	<i>Absent</i>			
Ground stratum	Low (>0.5 m)	Open hummock grassland (20-50%)	<i>Triodia lanigera</i>			



Fulcrum photo ID 81754087-a88b-44a7-9964-a8898ae4e295

NS-HAB-03

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1808112	Longitude	118.8481297
Date	24-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Calcrete,Ironstone,Quartz		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm),Small Stones (0.6 - 2 cm),Stones (2 - 6 cm)		
Soil type	Sandy clay		Rock/boulder cover	Small Rocks (6 - 20 cm)		
Soil colour	Brown,Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Very good		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Hummocks		
Disturbance	Vehicle tracks					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Low (<10 m)	Isolated trees (<0.25%)	<i>Corymbia hamersleyana</i>			
Mid stratum	Low (0.5-1 m)	Isolated shrubs and/or heath shrubs (<0.25%)	<i>Acacia acradenia, Petalostylis labicheoides, and Grevillea wickhamii (A. inaequilatera)</i>			
Ground stratum	Low (>0.5 m)	Open hummock grassland (20-50%)	<i>Triodia chichesterensis and Triodia wiseana</i>			



Fulcrum photo ID d62b3bc7-f5d7-4642-8490-8f4d0d6afa6a

NS-HAB-04

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1801706	Longitude	118.8416766
Date	24-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Calcrete,Ironstone,Quartz		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm),Small Stones (0.6 - 2 cm),Stones (2 - 6 cm)		
Soil type	Clay		Rock/boulder cover	Absent		
Soil colour	Brown,Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Very good		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Hummocks,Leaf litter,Peeling bark,Woody debris		
Disturbance	Vehicle tracks					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Low (<10 m)	Isolated trees (<0.25%)	<i>Corymbia hamersleyana</i>			
Mid stratum	Mid (1-2 m)	Sparse shrubland and/or heathland (0.25-20%)	<i>Acacia acradenia, Petalostylis labicheoides, and Grevillea wickhamii (A. inaequilatera)</i>			
Ground stratum	Mid (0.5-1 m)	Hummock grassland (50-80%)	<i>Triodia chichesterensis and Triodia wiseana</i>			



Fulcrum photo ID 49203304-60ae-4c76-b4b4-dfb8210d79e1

NS-HAB-05

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1829652	Longitude	118.8443633
Date	24-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Calcrete,Ironstone,Quartz		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm),Small Stones (0.6 - 2 cm),Stones (2 - 6 cm)		
Soil type	Sand		Rock/boulder cover	Absent		
Soil colour	Brown,Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Very good		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Hummocks,Leaf litter,Woody debris		
Disturbance	Vehicle tracks					
Introduced fauna	Cattle		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	<i>Absent</i>			
Mid stratum	Mid (1-2 m)	Shrubland and/or heathland (50-80%)	<i>Mixed Acacia spp.</i>			
Ground stratum	Mid (0.5-1 m)	Hummock grassland (50-80%)	<i>*Cenchrus ciliaris (Chrysopogon fallax and Triodia epactia</i>			



Fulcrum photo ID 51e744af-7cda-4924-b590-be5c5d7e0a3a

NS-HAB-06

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1820393	Longitude	118.8459872
Date	24-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Calcrete,Ironstone,Quartz		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm),Small Stones (0.6 - 2 cm),Stones (2 - 6 cm)		
Soil type	Sandy loam		Rock/boulder cover	Absent		
Soil colour	Brown,Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Very good		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Hummocks,Woody debris		
Disturbance	Vehicle tracks					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	<i>Absent</i>			
Mid stratum	Mid (1-2 m)	Sparse shrubland and/or heathland (0.25-20%)	<i>Acacia ancistrocarpa, A. acradenia, and Grevillea wickhamii subsp. hispidula</i>			
Ground stratum	Low (>0.5 m)	Open hummock grassland (20-50%)	<i>Triodia lanigera</i>			



Fulcrum photo ID 77cfca95-d97d-44fe-961a-99a5ef6aab87

NS-HAB-07

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.2284617	Longitude	118.862302
Date	25-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Gully		Rock type/s	Calcrete, Granite, Ironstone, Quartz, Chert		
Aspect	-		Pebble/stone cover	Small Stones (0.6 - 2 cm), Stones (2 - 6 cm)		
Soil type	Clay loam		Rock/boulder cover	Small Rocks (6 - 20 cm), Rocks (20 - 60 cm), Big Rocks (60 cm - 2 m)		
Soil colour	Brown		Outcropping cover	Present		
Condition			Habitat Features			
Quality	Very good		Water Source	Seasonal		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Hummocks, Leaf litter, Peeling bark, Rock crevices, Woody debris		
Disturbance	Overgrazing					
Introduced fauna	Cattle		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Low (<10 m)	Open woodland (0.25-20%)	<i>Eucalyptus victrix</i> and <i>Corymbia hamersleyana</i>			
Mid stratum	Tall (>2 m)	Open shrubland and/or heathland (20-50%)	<i>Acacia trachycarpa</i> (<i>Atalaya hemiglauc</i> a, <i>A. pyrifolia</i> , <i>Cullen leucanthum</i>) and <i>Triumfetta ramosa</i>			
Ground stratum	Mid (0.5-1 m)	Sparse hummock grassland (0.25-20%)	<i>Triodia epactia</i> and <i>T. longiceps</i>			



Fulcrum photo ID 7589c8a5-3d8f-4012-bc9d-76d8ecb1a948

NS-HAB-08

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.2962273	Longitude	118.8268316
Date	26-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Outcrop/breakaway		Rock type/s	Granite		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm), Small Stones (0.6 - 2 cm), Stones (2 - 6 cm)		
Soil type	Sand		Rock/boulder cover	Small Rocks (6 - 20 cm), Rocks (20 - 60 cm), Big Rocks (60 cm - 2 m), Boulders (>2 m)		
Soil colour	Brown		Outcropping cover	Present		
Condition			Habitat Features			
Quality	Good		Water Source	Absent		
Fire History	Recently burnt (<1 year)		Microhabitats	Exfoliating rock, Rock crevices, Woody debris		
Disturbance	None observed					
Introduced fauna	Cattle		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	Absent			
Mid stratum	Mid (1-2 m)	Open shrubland and/or heathland (20-50%)	<i>Acacia inaequilatera</i> , <i>A. acradenia</i> and <i>A. bivenosa</i>			
Ground stratum	Low (>0.5 m)	Sparse hummock grassland (0.25-20%)	<i>Triodia wiseana</i>			



Fulcrum photo ID 07f333a6-93fa-49c4-80d6-dd6faa1914dc

NS-HAB-09

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1585839	Longitude	118.7623479
Date	26-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Quartz		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm)		
Soil type	Sand		Rock/boulder cover	Absent		
Soil colour	Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	High quality		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Burrows, Hummocks, Leaf litter, Termite mounds, Woody debris		
Disturbance	None observed					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	Absent			
Mid stratum	Mid (1-2 m)	Sparse shrubland and/or heathland (0.25-20%)		<i>Acacia inaequilatera</i> , <i>A. acradenia</i> and <i>A. bivenosa</i>		
Ground stratum	Mid (0.5-1 m)	Open hummock grassland (20-50%)		<i>Triodia wiseana</i>		



Fulcrum photo ID a1cda28c-11d1-4851-a4ee-8dcc1f122f17

NS-HAB-10

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1580029	Longitude	118.764985
Date	26-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Outcrop/breakaway		Rock type/s	Granite, Ironstone, Quartz		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm), Small Stones (0.6 - 2 cm), Stones (2 - 6 cm)		
Soil type	Clay loam		Rock/boulder cover	Small Rocks (6 - 20 cm)		
Soil colour	Brown, Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	High quality		Water Source	Absent		
Fire History	Unknown		Microhabitats	Hummocks, Leaf litter, Woody debris		
Disturbance	None observed					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	Absent			
Mid stratum	Mid (1-2 m)	Sparse shrubland and/or heathland (0.25-20%)		<i>Acacia orthocarpa</i> (<i>A. ancistrocarpa</i>)		
Ground stratum	Low (>0.5 m)	Open hummock grassland (20-50%)		<i>Triodia epactia</i> and <i>T. lanigera</i>		



Fulcrum photo ID df3d28aa-8ea5-4b2f-ab92-a59d3d0c2f76

NS-HAB-11

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1598373	Longitude	118.7636898
Date	26-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Quartz		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm), Small Stones (0.6 - 2 cm), Stones (2 - 6 cm)		
Soil type	Sand		Rock/boulder cover	Absent		
Soil colour	Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	High quality		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Hummocks, Termite mounds, Woody debris		
Disturbance	None observed					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	<i>Absent</i>			
Mid stratum	Mid (1-2 m)	Isolated shrubs and/or heath shrubs (<0.25%)	<i>Acacia inaequilatera</i> , <i>A. acradenia</i> and <i>A. bivenosa</i>			
Ground stratum	Low (>0.5 m)	Hummock grassland (50-80%)	<i>Triodia wiseana</i>			



Fulcrum photo ID 51480f21-1b65-4ec9-bebd-0fe25228ec8e

NS-HAB-12

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.3198236	Longitude	118.8621436
Date	26-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	None		
Aspect	-		Pebble/stone cover	Absent		
Soil type	Sand		Rock/boulder cover	Absent		
Soil colour	Brown, Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Disturbed		Water Source	Absent		
Fire History	Recently burnt (<1 year)		Microhabitats	Hollows - logs, Leaf litter, Termite mounds, Woody debris		
Disturbance	Overgrazing					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Low (<10 m)	Open woodland (0.25-20%)	<i>Corymbia hamersleyana</i>			
Mid stratum	Low (0.5-1 m)	Sparse shrubland and/or heathland (0.25-20%)	<i>Acacia orthocarpa</i> (<i>A. ancistrocarpa</i>)			
Ground stratum	Low (>0.5 m)	Sparse hummock grassland (0.25-20%)	<i>Triodia epactia</i> and <i>T. lanigera</i>			



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NS-HAB-13

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.31908431	Longitude	118.8576715
Date	26-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Calcrete, Granite, Ironstone, Quartz		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm)		
Soil type	Sandy loam		Rock/boulder cover	Absent		
Soil colour	Brown, Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Very good		Water Source	Absent		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Hummocks, Leaf litter, Termite mounds		
Disturbance	None observed					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Low (<10 m)	Open woodland (0.25-20%)	<i>Corymbia hamersleyana</i>			
Mid stratum	Mid (1-2 m)	Shrubland and/or heathland (50-80%)	<i>Acacia orthocarpa (A. ancistrocarpa)</i>			
Ground stratum	Low (>0.5 m)	Sparse hummock grassland (0.25-20%)	<i>Triodia epactia and T. lanigera</i>			



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NS-HAB-14

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.2819333	Longitude	118.8446394
Date	26-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Undulating plain		Rock type/s	Quartz		
Aspect	-		Pebble/stone cover	Small Stones (0.6 - 2 cm), Stones (2 - 6 cm)		
Soil type	Loam		Rock/boulder cover	Small Rocks (6 - 20 cm)		
Soil colour	Brown, Red		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Very good		Water Source	Absent		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Hummocks, Termite mounds		
Disturbance	Overgrazing					
Introduced fauna	Cattle		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	Absent			
Mid stratum	Tall (>2 m)	Sparse shrubland and/or heathland (0.25-20%)	<i>Acacia inaequilatera, A. acradenia and A. bivenosa</i>			
Ground stratum	Low (>0.5 m)	Open hummock grassland (20-50%)	<i>Triodia wiseana</i>			



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NS-HAB-15

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.2815254	Longitude	118.8415043
Date	26-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Calcrete, Quartz		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm), Small Stones (0.6 - 2 cm), Stones (2 - 6 cm)		
Soil type	Clay loam		Rock/boulder cover	Absent		
Soil colour	Brown		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Very good		Water Source	Absent		
Fire History	Recently burnt (<1 year)		Microhabitats	Hummocks, Woody debris		
Disturbance	Some Grazing					
Introduced fauna	Cattle		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Absent	Absent	Absent			
Mid stratum	Mid (1-2 m)	Isolated shrubs and/or heath shrubs (<0.25%)	<i>Pluchea ferdinandi-mueller (Acacia stellaticeps)</i>			
Ground stratum	Low (>0.5 m)	Sparse hummock grassland (0.25-20%)	<i>Triodia longiceps (T. epactia)</i>			



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NS-HAB-16

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.28145	Longitude	118.838103
Date	26-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Plain		Rock type/s	None		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm)		
Soil type	Sandy loam		Rock/boulder cover	Absent		
Soil colour	Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Very good		Water Source	Absent		
Fire History	Recently burnt (<1 year)		Microhabitats	Termite mounds, Woody debris		
Disturbance	Cattle and Horse Tracks					
Introduced fauna	Cattle		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Low (<10 m)	Isolated trees (<0.25%)	<i>Corymbia hamersleyana</i>			
Mid stratum	Mid (1-2 m)	Sparse shrubland and/or heathland (0.25-20%)	<i>Pluchea ferdinandi-mueller (Acacia stellaticeps)</i>			
Ground stratum	Low (>0.5 m)	Sparse tussock grassland (0.25-20%)	<i>Triodia longiceps (T. epactia)</i>			



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NS-HAB-17

Project	NSJ Vertebrate Fauna Survey - Single Phase 2022		Latitude	-21.1608624	Longitude	118.8447216
Date	21-03-2022	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Warm sunny
Landform and Soil			Rock			
Landform	Drainage line		Rock type/s	Granite		
Aspect	-		Pebble/stone cover	Pebbles (<0.6 cm), Small Stones (0.6 - 2 cm), Stones (2 - 6 cm)		
Soil type	Sandy clay		Rock/boulder cover	Small Rocks (6 - 20 cm)		
Soil colour	Brown, Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Good		Water Source	Absent		
Fire History	Unknown		Microhabitats	Leaf litter, Peeling bark, Rock crevices, Woody debris		
Disturbance	Weeds					
Introduced fauna	None observed		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Low (<10 m)	Woodland (20-50%)	<i>Corymbia hamersleyana</i>			
Mid stratum	Mid (1-2 m)	Shrubland and/or heathland (50-80%)	<i>Acacia eriopoda</i> , and <i>A. colei</i> var. <i>colei</i>			
Ground stratum	Mid (0.5-1 m)	Hummock grassland (50-80%)	<i>Triodia epactia</i>			



Fulcrum photo ID ad33b11f-811f-45e7-9e21-04b344a4a84f

NS-BIL-01

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1741375	Longitude	118.7655155
Date	28-10-2024	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Hot dry
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Dolerite, Granite, Ironstone, Quartz		
Aspect	West		Pebble/stone cover	5 - 25%		
Soil type	Sandy loam		Rock/boulder cover	5 - 25%		
Soil colour	Brown, Orange		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	Very low		Water Source	Absent		
Fire History	Unknown		Microhabitats	Hummocks, Woody debris		
Disturbance	Erosion, Vehicle tracks, Weeds					
Introduced fauna	Cattle		Leaf litter cover	<5%		
Vegetation						
Upper stratum	Low (<10 m)	Isolated trees (<0.25%)	<i>Corymbia hamersleyana</i>			
Mid stratum	Mid (1-2 m)	Open shrubland and/or heathland (20-50%)				
Ground stratum	Mid (0.5-1 m)	Hummock grassland (50-80%)	<i>Triodia chichesterensis</i> and <i>Triodia wiseana</i>			



Fulcrum photo ID c2a9b563-bf8f-4467-9d83-d1f1879cf871,4dd53dd2-5fd0-47c4-bf58-

NS-BIL-02

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1491764	Longitude	118.8088126
Date	28-10-2024	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Hot dry
Landform and Soil			Rock			
Landform	Outcrop/breakaway		Rock type/s	Granite, Greenstone, Quartz		
Aspect	South		Pebble/stone cover	5 - 25%		
Soil type	Rock		Rock/boulder cover	5 - 25%		
Soil colour	Brown,Red		Outcropping cover	25 - 50%		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Unknown		Microhabitats	Exfoliating rock, Hummocks, Rock crevices, Tree hollows, Woody debris		
Disturbance	None observed					
Introduced fauna	Cattle		Leaf litter cover	<5%		
Vegetation						
Upper stratum	Low (<10 m)	Isolated trees (<0.25%)	<i>Corymbia hamersleyana</i>			
Mid stratum	Mid (1-2 m)	Open shrubland and/or heathland (20-50%)	<i>Acacia acradenia, Petalostylis labicheoides, and Grevillea wickhamii (A. inaequilatera)</i>			
Ground stratum	Mid (0.5-1 m)	Hummock grassland (50-80%)	<i>Triodia chichesterensis and Triodia wiseana</i>			



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NS-BIL-03

Project	NSJ Vertebrate Fauna Survey - Two Phase Oct 2024		Latitude	-21.1405069	Longitude	118.7526942
Date	30-10-2024	Sample Type	Terrestrial vertebrate fauna - Habitat Assessment		Weather	Hot dry
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Granite, Ironstone, Quartz		
Aspect	Negligible		Pebble/stone cover	5 - 25%		
Soil type	Sandy loam		Rock/boulder cover	<5%		
Soil colour	Brown,Red		Outcropping cover	Absent		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Burrows, Hummocks		
Disturbance	Trampling/rooting					
Introduced fauna	Cattle		Leaf litter cover	Absent		
Vegetation						
Upper stratum	Low (<10 m)	Isolated trees (<0.25%)	<i>Corymbia hamersleyana</i>			
Mid stratum	Mid (1-2 m)	Open shrubland and/or heathland (20-50%)	<i>Acacia acradenia, Petalostylis labicheoides, and Grevillea wickhamii (A. inaequilatera)</i>			
Ground stratum	Mid (0.5-1 m)	Hummock grassland (50-80%)	<i>Triodia chichesterensis and Triodia wiseana</i>			



Fulcrum photo ID 5130ed65-dd75-4c21-8efc-334b370a4589

NS-BIL-04

Project	NSJ Vertebrate Fauna Survey - Two Phase Mar 2025		Latitude	-21.1515593	Longitude	118.7718291
Date	12-04-2025	Sample Type	Terrestrial vertebrate fauna - Bilby site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Granite		
Aspect	Negligible		Pebble/stone cover	<5%		
Soil type	Sandy loam		Rock/boulder cover	<5%		
Soil colour	Orange		Outcropping cover	<5%		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Hummocks, Peeling bark, Termite mounds, Woody debris		
Disturbance	Trampling/rooting					
Introduced fauna	Cattle		Leaf litter cover	<5%		
Vegetation						
Upper stratum	Low (<10 m)	Isolated trees (<0.25%)	<i>Corymbia hamersleyana</i>			
Mid stratum	Mid (1-2 m)	Isolated shrubs and/or heath shrubs (<0.25%)	<i>Acacia inaequilatera (Grevillea wickhamii subsp. hispidula), A. ancistrocarpa, A. acradenia and Petalostylis labicheoides</i>			
Ground stratum	Low (>0.5 m)	Open hummock grassland (20-50%)	<i>Triodia wiseana, Triodia longiceps</i>			



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NS-BIL-05

Project	NSJ Vertebrate Fauna Survey - Two Phase Mar 2025		Latitude	-21.1675348	Longitude	118.7686689
Date	12-04-2025	Sample Type	Terrestrial vertebrate fauna - Bilby site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Plain		Rock type/s	Granite, Greenstone, Ironstone, Quartz		
Aspect	Negligible		Pebble/stone cover	5 - 25%		
Soil type	Sandy loam		Rock/boulder cover	<5%		
Soil colour	Brown, Orange		Outcropping cover	<5%		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Burnt (1-5 years)		Microhabitats	Hummocks, Peeling bark, Termite mounds, Woody debris		
Disturbance	Trampling/rooting					
Introduced fauna	Cattle		Leaf litter cover	<5%		
Vegetation						
Upper stratum	Low (<10 m)	Isolated trees (<0.25%)	<i>Corymbia hamersleyana</i>			
Mid stratum	Mid (1-2 m)	Isolated shrubs and/or heath shrubs (<0.25%)	<i>Acacia stellaticeps and Pluchea ferdinandi-muelleri</i>			
Ground stratum	Mid (0.5-1 m)	Open hummock grassland (20-50%)	<i>Triodia lanigera (T. epactia)</i>			



Fulcrum photo ID 1eac6f1-240e-4010-9108-2d84bb0766d8

NS-BIL-06

Project	NSJ Vertebrate Fauna Survey - Two Phase Mar 2025		Latitude	-21.1592498	Longitude	118.7909573
Date	13-04-2025	Sample Type	Terrestrial vertebrate fauna - Bilby site		Weather	Hot dry
Landform and Soil			Rock			
Landform	Undulating plain		Rock type/s	Granite		
Aspect	Negligible		Pebble/stone cover	<5%		
Soil type	Sandy loam		Rock/boulder cover	<5%		
Soil colour	Brown, Orange		Outcropping cover	<5%		
Condition			Habitat Features			
Quality	High		Water Source	Absent		
Fire History	Little or no fire evidence (>5 years)		Microhabitats	Hummocks, Termite mounds, Woody debris		
Disturbance	Trampling/rooting					
Introduced fauna	Cattle		Leaf litter cover	<5%		
Vegetation						
Upper stratum	Low (<10 m)	Isolated trees (<0.25%)	<i>Eucalyptus camaldulens subsp. refulgens</i> and <i>E. victrix</i>			
Mid stratum	Mid (1-2 m)	Sparse shrubland and/or heathland (0.25-20%)	<i>Acacia stellaticeps</i> and <i>Pluchea ferdinandi-muelleri</i>			
Ground stratum	Low (>0.5 m)	Open hummock grassland (20-50%)	<i>Triodia lanigera (T. epactia)</i>			



Fulcrum photo ID	f2e38588-70bc-456f-a471-8c65aa45347d
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