

## **Attachment 4:**

**Likelihood of Occurrence – Conservation  
Significant Ecological Communities**



| Community Name  | Conservation Status (WA) | Likelihood of Occurrence | Justification  |
|---|--------------------------|--------------------------|--|
| <p>Frederick Land System</p> <p>Hardpan wash plains characterised by broad, reticulate mulga groves and Wanderrrie banks supporting tall Acacia shrublands with grassy understorey. Threats: over grazing</p> | P3                       | Low                      | Habitat not present within the Site. Closest buffered record is 7 km south of the Site                           |
| <p>Peedawarra Land System</p> <p>A tributary plain drainage system – characteristically saline, with mixed Acacia shrublands and grasslands Threats: over grazing</p>   | P3                       | Low                      | Habitat not present within the Site. Closest buffered record is 37 km from the Site.                             |
| <p>Jingle Land System</p> <p>Flood plains with Eucalypt woodlands and variable shrublands marginal to rivers<br/>Threats: over grazing, erosion</p>   | P3                       | Low                      | Habitat and described vegetation is not present within the Site. Closest buffered record is 49 km from the Site. |



## **Attachment 5:**

**Likelihood of Occurrence – Conservation  
Significant Flora**



| Species                    | Conservation Status (WA) | Flowering Period | Preferred Habitat   | Habitat Occurs Within the Survey Area | Likelihood of Occurrence and Justification   |
|----------------------------|--------------------------|------------------|---|---------------------------------------|--|
| <i>Eremophila appressa</i> | P1                       | Jun–Aug          | Ironstone gravel, ridge slopes  | Yes                                   | Medium<br>One record was mapped within the same soil landscape system 33 km from the Site, closest record is 7 km from the Site within a different habitat type. |
| <i>Eremophila fasciata</i> | P3                       | Aug              | Mapped on Jamindie system, Stony hardpan plains and rises supporting groved mulga shrublands, occasionally with spinifex understorey<br>Plain/breakaway. Red sand/loam/rocky. Growing on flats and sides of breakaways. Collection site: rangeland. | Yes                                   | High<br>Mapped within the same continuous soil subsystem, closest record is 7 km from the Site   |
| <i>Eremophila rigida</i>   | P3                       | Sep              | Red sand alluvium. Hardpan plains, stony clay depressions.  | No                                    | Low<br>Soil systems and landscapes on which species was found does not match the Site conditions.<br>Closest record is 35 km away from the Site.                 |
| <i>Eucalyptus semota</i>   | P1                       |                  | Clay. Quartz outcrops.  | No                                    | Low<br>Habitat does not occur, closest record 21 km from Site.   |



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| <i>Rhagodia</i> sp.<br>Hamersley (M.<br>Trudgen 17794)               | P3 |         | Hamersley Range, no specific habitat described. Records mapped within Mulga groves on flat, clay soil.   | Yes | Medium<br>Both DBCA records are mapped within the same soil system, one of them has been mapped within the same soil subsystem. Records were found within Mulga groves on flat, clay soil.<br>Closest record 38 km from the Site |
| <i>Sauropus</i> sp.<br>Woolgorong (M.<br>Officer s.n. 10/8/94)       | P3 | Jun     | Red sand. Plains.<br>Mapped within laterized mesas, low hills, footslopes and lower stony plains on granite and gneiss.                            | No  | Low<br>Habitat not present.  |
| <i>Swainsona katjarra</i>  | P1 | Aug-Sep | Mapped within the Jamindie soil system, Stony hardpan plains and rises supporting groved mulga shrublands, occasionally with spinifex understorey. | Yes | High<br>Mapped within the same continuous sub-soil system and landscape as the Site.<br>Closest record 650 m south-west from the Site.   |
| <i>Thysanotus</i> sp.<br>Desert East of<br>Newman (R.P. Hart<br>964) | P2 | Aug-Oct | Red-brown loamy sand or red sand, sometimes silty. Sand plain, pisolitic buckshot plain.   | No  | Low<br>Habitat not present within the Site, closest record 20 km from the Site   |
| <i>Maireana prosthochaeta</i>  | P3 | N/A     | Laterite. Hills, salty places.   | No  | Low<br>Habitat not present within the Site.  |
| <i>Micromyrtus mucronulata</i>                                       | P1 | N/A     | Mapped in areas of brown clay with laterite outcrops   | No  | Low  |





Habitat not present within the Site, closest record 21 km from the Site.



## **Attachment 6:**

**Likelihood of Occurrence – Conservation  
Significant Fauna**



| Species   | Conservation Status (WA) |           |   | Likelihood of Occurrence on Site and Justification  |
|---|--------------------------|-----------|---|---|
| Bar-tailed Godwit ( <i>Limosa lapponica</i> )     | Specially Migratory      | Protected | - | Low<br>Site does not support habitat for the species, which mainly utilises estuarine mudflats, beaches and mangroves. Closest record is >18 km from the Site.  |
| Caspian tern ( <i>Hydroprogne caspia</i> )        | Specially Migratory      | Protected | - | Low<br>Site does not provide foraging or breeding habitat for the species.  |
| Common Sandpiper ( <i>Actitis hypoleucos</i> )    | Specially Migratory      | Protected | - | Low<br>Site does not provide foraging or breeding habitat for the species.  |
| Fork-tailed Swift ( <i>Apus pacificus</i> )       | Specially Migratory      | Protected | - | Low<br>Utilises habitats along the coast, inland records are sparsely scattered. Wetland habitat not present within Site. Closest record > 30 km from the Site. |
| Garganey ( <i>Spatula querquedula</i> )           | Specially Migratory      | Protected | - | Low<br>Wetland habitat not present within Site. Closest record >25 km from the Site.  |
| Great Knot ( <i>Calidris tenuirostris</i> )       | CR                       |           |   | Medium<br>Species may visit the Site but usually occurs in coastal areas. Closest record is inland, 18 km from the Site.  |
| Grey Plover ( <i>Pluvialis squatarola</i> )       | Specially Migratory      | Protected | - | Low<br>Wetland habitat not present within Site. Closest record is 18 km from the Site.  |
| Gull-billed Tern ( <i>Gelochelidon nilotica</i> ) | Specially Migratory      | Protected | - | Low<br>Wetland habitat not present within Site. Closest record is 18 km from the Site.  |





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| Lesser Sand Plover ( <i>Charadrius mongolus</i> )                 | EN                  |             | Low<br>Wetland habitat not present within Site. Closest record is 18 km from the Site.  |
| Osprey ( <i>Pandion haliaetus</i> )                               | Specially Migratory | Protected - | Low<br>Wetland habitat not present within Site. Closest record is 18 km from the Site.  |
| Brush-tailed Mulgara ( <i>Dasyercus blythi</i> )                  | Priority 4          |             | Medium<br>Habitat may be present within the Site. Closest record is 34 km from the Site.  |
| Crest-tailed Mulgara, Minyiminyi ( <i>Dasyercus cristicauda</i> ) | Priority 4          |             | Medium<br>Habitat may be present within the Site. Closest record is 34 km from the Site.  |
| Western Pebble-mound Mouse, Ngadji ( <i>Pseudomys chapmani</i> )  | Priority 4          |             | Medium<br>Habitat occurs in spinifex grassland, on gravelly spurs or lower ridge slopes. Habitat may be present within the Site. Closest record 50km from the Site. Soils within the Site are similar to where record is located. |



