Appendix B (1)
Modelled potential habitat for selected threatened flora and fauna species
Figure B.1: Predictive fauna habitat model - Tusked frog (*Adelotus brevis*) developed by the Department of Environment and Heritage Protection.
Figure B.3: Predictive fauna habitat model - Australasian bittern (*Botaurus poiceioptilus*) developed by the Department of Environment and Heritage Protection.
Figure B.4: Predictive fauna habitat model - Glossy black-cockatoo (Calyptorhynchus lathami) developed by the Department of Environment and Heritage Protection.
Figure B.8: Predictive fauna habitat model - Collared delma (Delma torquata) developed by the Department of Environment and Heritage Protection.
Figure B.9: Predictive fauna habitat model - Yakka skink (Egernia rugosa) developed by the Department of Environment and Heritage Protection.
Figure B.13: Predictive fauna habitat model - Pale imperial hairstreak moth (*Jalmenus eubulus*)
devolved by the Department of Environment and Heritage Protection.
Figure B.14: Predictive fauna habitat model - Swift parrot (*Lathamus discolor*)

developed by the Department of Environment and Heritage Protection
Figure B.16: Predictive fauna habitat model - Powerful owl (*Ninox strenua*)

**Developed by the Department of Environment and Heritage Protection**

**Source:**
- World Shaded Relief Base: ESRI (2014)
- Predictive Habitat Models: DEHP (2016)
- Proposed Gladstone port master planned area boundary: DSD (2016)

**Legend:**
- **Predictive fauna habitat model**
  - Powerful owl (*Ninox strenua*) (NC Act Vulnerable, EPBC Act Not listed)

**Boundaries:**
- Great Barrier Reef Marine Park boundary
- Proposed Gladstone port master planned area boundary

**Master planned area precincts:**
- Interface
- Marine industry and recreation
- Port, industry and supply chain
- Environmental protection
- Marine
Figure B.17: Predictive fauna habitat model - Eastern long-eared bat (*Nyctophilus corbeni*)

Developed by the Department of Environment and Heritage Protection.

Legend:
- **Predictive fauna habitat model**
  - Eastern long-eared bat (*Nyctophilus corbeni*) (NC Act Vulnerable, EPBC Act Vulnerable)

- **Boundaries**
  - Great Barrier Reef Marine Park boundary
  - Proposed Gladstone port master planned area boundary

- **Master planned area precincts**
  - Interface
  - Marine industry and recreation
  - Port, industry and supply chain
  - Environmental protection
  - Marine

Sources:
- World Shaded Relief Base: ESRI (2014)
- Predictive Habitat Models: DEHP (2016)
- Proposed Gladstone port master planned area boundary: DSD (2016)
Figure B.18: Predictive fauna habitat model - Brigalow scaly-foot (*Paradelma orientalis*) developed by the Department of Environment and Heritage Protection.
Figure B.19: Predictive fauna habitat model - Yellow-bellied glider (*Petaurus australis australis*)

developed by the Department of Environment and Heritage Protection
Figure B.21: Predictive fauna habitat model - Grey-headed flying-fox (Pteropus poliocephalus) developed by the Department of Environment and Heritage Protection
Figure B.22: Predictive fauna habitat model - Australian painted snipe (*Rostratula australis*) developed by the Department of Environment and Heritage Protection.
Figure B.23: Predictive fauna habitat model - Coastal sheathtail bat (Taphozous australis) developed by the Department of Environment and Heritage Protection.