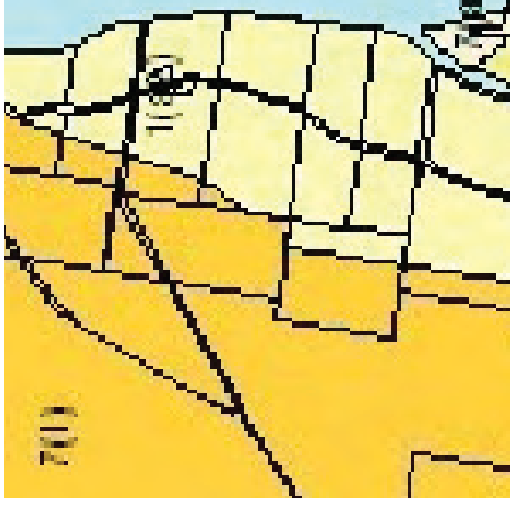
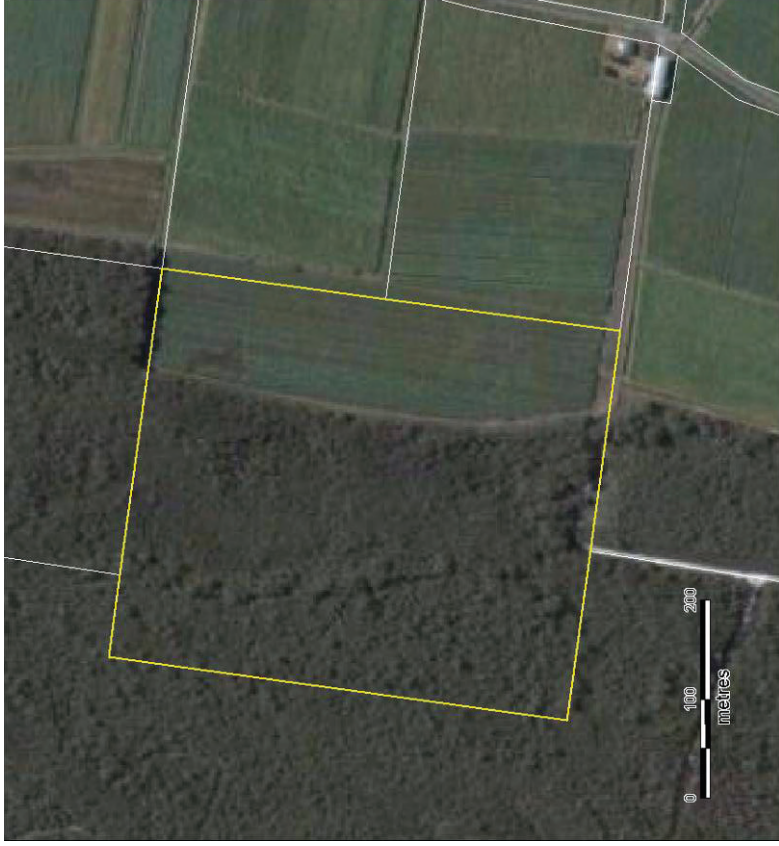


Site Number 15	
	7(b) Coastal habitat
MGA Co-ordinates of general locality:	X: 559,299 Y: 6,830,415
Assessment Summary	
<p>This property is located in Byron Bay, New South Wales, and is situated approximately 54 km from Tugun. The property is adjacent to Cumbebin Swamp Nature Reserve and forms part of a large vegetation patch that surrounds all property boundaries.</p> <p>This property is 8.12 ha and is completely vegetated by intact coastal woodland. There are no known occurrences of the target species immediately surrounding the property; however Wallum Sedge Frog and Wallum Froglet have been located to the north west of the site, at a distance of 2.15 km and 1.28 km respectively. The closest record of Common Planigale is 1.6 km to the south. This vegetation community is likely to provide habitat for Common Planigale, and possibly also habitat for Wallum Sedge Frog and Wallum Froglet. This site is strategically located between two known populations of Wallum Froglet and Wallum Sedge Frog, within what is potentially a dispersal corridor. While adjacent residential areas limit the dispersal of these species, the ecological function of this site can not be discounted. Protection of habitat that may provide shelter and foraging opportunities to dispersing individuals should be included as an appropriate option for compensatory habitat. This consideration would be particularly valid where the conservation of dispersal habitat maintains or improves the viability of two existing populations.</p> <p>This land parcel would be purchased in its entirety and would form part of the adjacent reserve. This property does not completely satisfy the 11 ha minimum compensatory habitat requirement and an additional 2.88 ha of habitat would be required.</p>	
Conclusion	
POTENTIALLY SUITABLE	
<p>Assessment of this site found that it may provide habitat for all three target species and while it does not appear from aerial photography to be habitat supporting all life-cycle stages for the target species, the site is strategically important from a landscape ecology perspective.</p>	

Site Number 16



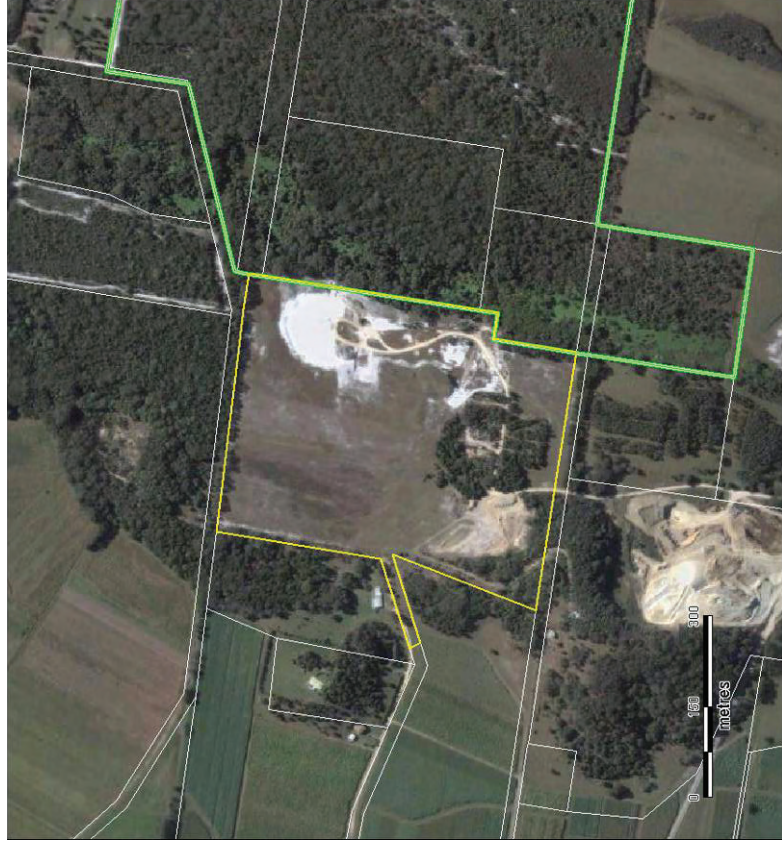
- 1 RURAL**
- 1(a1) RURAL - PLATEAU LANDS AGRICULTURE
- 1(a2) RURAL - COASTAL LANDS AGRICULTURE
- 7 ENVIRONMENTAL PROTECTION**
- 7(1) ENVIRONMENTAL PROTECTION - HABITAT

Site Description

Property Description:	Lot 251 DP755691
Area of Parcel (Ha):	18.52
Distance to known records:	
Wallum Sedge Frog (km):	8.0
Wallum Froglet (km):	0.3
Common Planigale (km):	0.8
Planning and Location:	
Local Government Area (LGA):	Ballina Shire Council
Zoning:	7(l) Environmental Protection (Habitat)

Site Number 16	
MGA Co-ordinates of general locality:	X: 543,651 Y: 6,795,239
Assessment Summary	
<p>This land parcel is located in East Wardell, New South Wales, approximately 89 km to Tugun. Horticultural land adjoins the eastern boundary and a significant expanse of intact coastal woodland vegetation adjoins the remaining boundaries.</p> <p>The property comprises 11.62 ha of intact coastal woodland vegetation, and the remainder of the land parcel has been cleared for horticultural activities. An extensive river system is located approximately one kilometre to the east; however there does not appear to be any waterways or water bodies present on the property. The horticultural land use of the site suggests that this property does not have a sandy geology. Instead, it is considered this area is defined by the presence of more loamy soils with higher silt content.</p> <p>The large vegetation patch to the west of the property contains multiple records of Common Planigale and Wallum Froglet whereas Wallum Sedge Frog is only known to occur in Broadwater National Park, situated 8km to the south.</p> <p>This property is likely to provide habitat for Wallum Froglet and Common Planigale, however the geology and vegetation present is unlikely to support Wallum Sedge Frog. Furthermore, this property is not directly adjacent to a reserve, which reduces the conservation value of the site and increases the potential future management issues associated with a small isolated reserve.</p>	
Conclusion	NOT SUITABLE
<p>Assessment of this site determined that vegetation structure was more likely to provide habitat for Common Planigale and Wallum Froglet with habitat opportunities for Wallum Sedge Frog limited by the apparent vegetation structure. As this site is not directly adjacent to a conservation reserve, it is not suitable as compensatory habitat.</p>	

Site Number 17



1. RURAL

- 1(a) Rural (Prime Agricultural Land)
- 1(b1) Rural (Secondary Agricultural Land)
- 1(d) Rural (Urban Investigation)
- 1(e) Rural (Extractive & Mineral Resources)

Site Description

Property Description: Lot 4 DP253906

Area of Parcel (Ha): 23.78

Distance known to records:

Wallum Sedge Frog (km): 6.7

Wallum Froglet (km): 3.7

Common Planigale (km): 3.8

Planning and Location:

Local Government Area (LGA): Richmond Valley Shire Council

Zoning: 1(e) Rural (Extractive resources)

Broadwater National Park

East Wardell

East Wardell

Site Number 17	
MGA Co-ordinates of general locality:	X: 543,288 Y: 6,790,888
Assessment Summary	
<p>This parcel of land lies within Broadwater, New South Wales and is situated 93 km from Tugun. This property is zoned Rural (Extractive Resources) and is likely to form part of the sand mine that adjoins the southern property boundary. Broadwater National Park adjoins the eastern property boundary, and intact vegetation abuts the northern boundary. Land to the west has been predominately cleared and is used for horticultural activities.</p> <p>This property is mapped as containing 13.49 hectares of coastal complex vegetation, but aerial photography shows that the site is cleared of all vegetation with the exception of a small pocket of trees near the southern end. This parcel of land is heavily degraded due to mining or quarrying activities and is unlikely to support the target species. This assessment is confirmed by species location data which shows no known records within or immediately surrounding the site.</p>	
NOT SUITABLE	
Conclusion	
<p>While the initial quantitative assessment identified this site as being potentially suitable, the qualitative assessment concluded that current and recent historical land uses are likely to exclude the possibility of the target species occurring.</p>	