

Site Number 5



For concept discussion, an indicative subdivision boundary is shown in orange; this area is approximately equivalent to 11 hectares. Other potentially suitable land parcels are shown in yellow.



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Site Description

<b>Property Description:</b>	"X12" (multiple parcels)	
Area of Parcel (Ha):	23.17	
<b>Distance to known records:</b>		
Wallum Sedge Frog (km):	3.66	
Wallum Froglet (km):	3.44	
	North Stradbroke Island	
	North Stradbroke Island	

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Common Planigale (km):	2.48
Planning and Location:	Russell Island
Local Government Area (LGA):	Redland Shire Council
Zoning:	Conservation
MGA Co-ordinates of general locality:	X: 537,345 Y: 6,936,338
<b>Assessment Summary</b>	
<p>This area of land is situated at the southern end of Russell Island, approximately 54 km from Tugun, and is comprised of 102 separate allotments. Surrounding land is predominately owned by Redland Shire Council, and is zoned conservation and densely vegetated.</p> <p>Regional Ecosystem mapping shows that the area contains 12.10 ha of RE 12.2.7, described as <i>Melaleuca quinquenervia</i> or <i>M. viridiflora</i> open forest and palustrine wetland (vegetated swamp) and RE 12.2.15, described as coastal sedgeland. Both vegetation communities typically occur on quaternary coastal dunes and beaches, at low points in the landscape where water collects from both overland flow and infiltration from adjoining sand dunes. Aerial photography confirms RE mapping and shows extensive intact vegetation that is likely to provide habitat for both Wallum Sedge Frog and Wallum Froglet. Although there are no known records of the species on Russell Island, they are known to occur on North Stradbroke Island located 3km to the east.</p> <p>The remaining area of the site (11.07 ha) is mapped as RE 12.2.6, described as <i>Eucalyptus racemosa</i> woodland with a heath understorey on dunes and sand plains. This vegetation community may provide opportunistic foraging habitat for Common Planigale.</p> <p>Redland Shire Council owns a substantial portion of Russell Island. Most Council owned land on the southern tip of Russell Island has major identified drainage problems, as indicated by the extant vegetation. Consequently this land has been acquired by Council through land owners either transferring land voluntarily or through Council action to recover outstanding rate debt. The parcels highlighted are not owned by Council, but are identified on Council's acquisition plan for Russell Island due to development constraints imposed by poor drainage among other matters.</p> <p>Redland Shire Council has recently resolved to commence investigations into the amalgamation of Council owned conservation lots into large land parcels and the closure of existing road reserves to establish viable conservation reserves. Council have agreed in principal to manage any additional land parcels that would form part of this reserve.</p>	
<b>POTENTIALLY SUITABLE</b>	
<p><b>Conclusion</b></p> <p>The review of aerial imagery and discussions with Council officers suggest this site represents good potential habitat for all three target species.</p>	