

Volume 2 - Figures



Delivering Energy, Powering Communities.

Figure 2-2: Evolution of the site

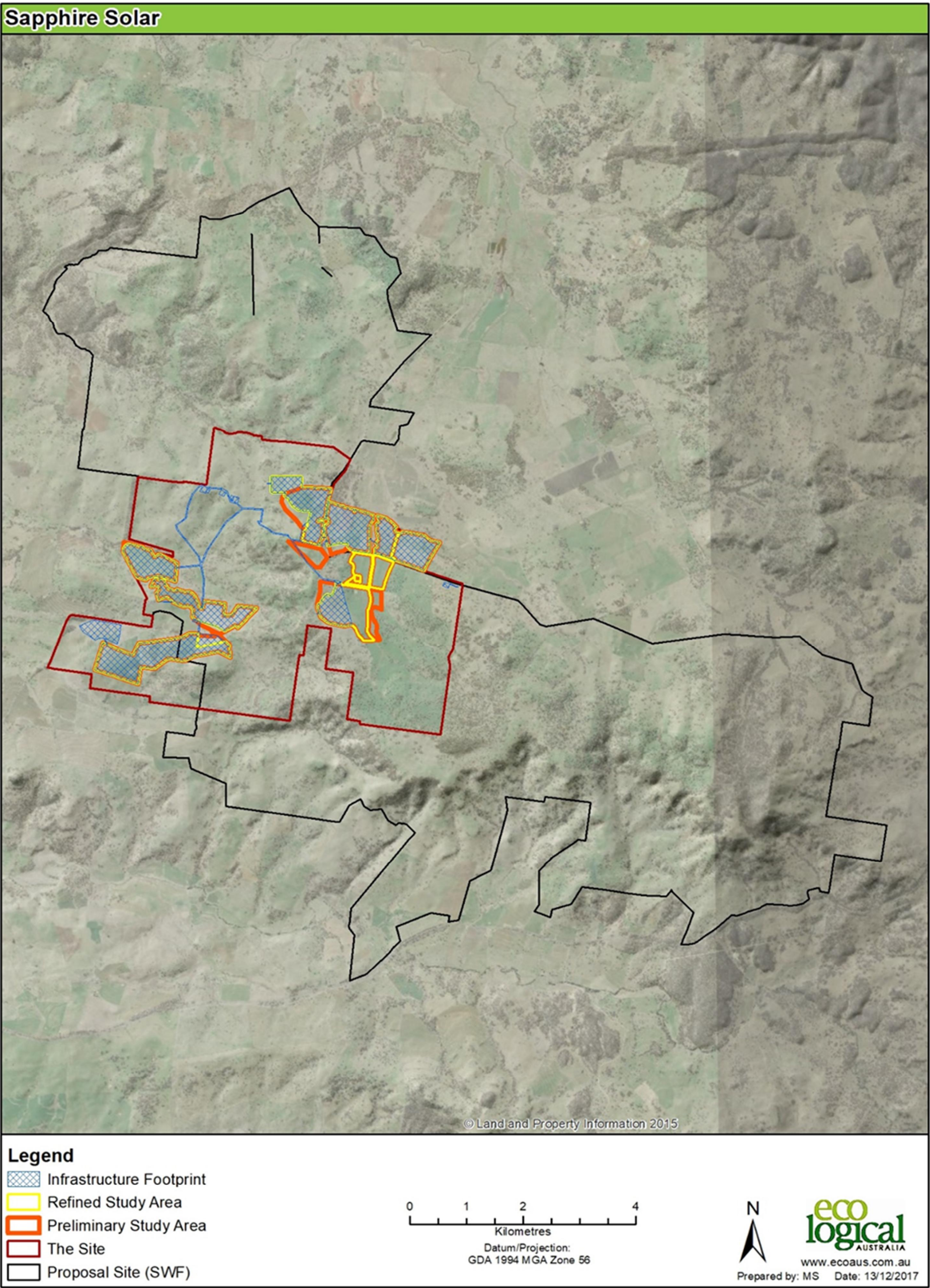


Figure 2-3: Constraints Layer

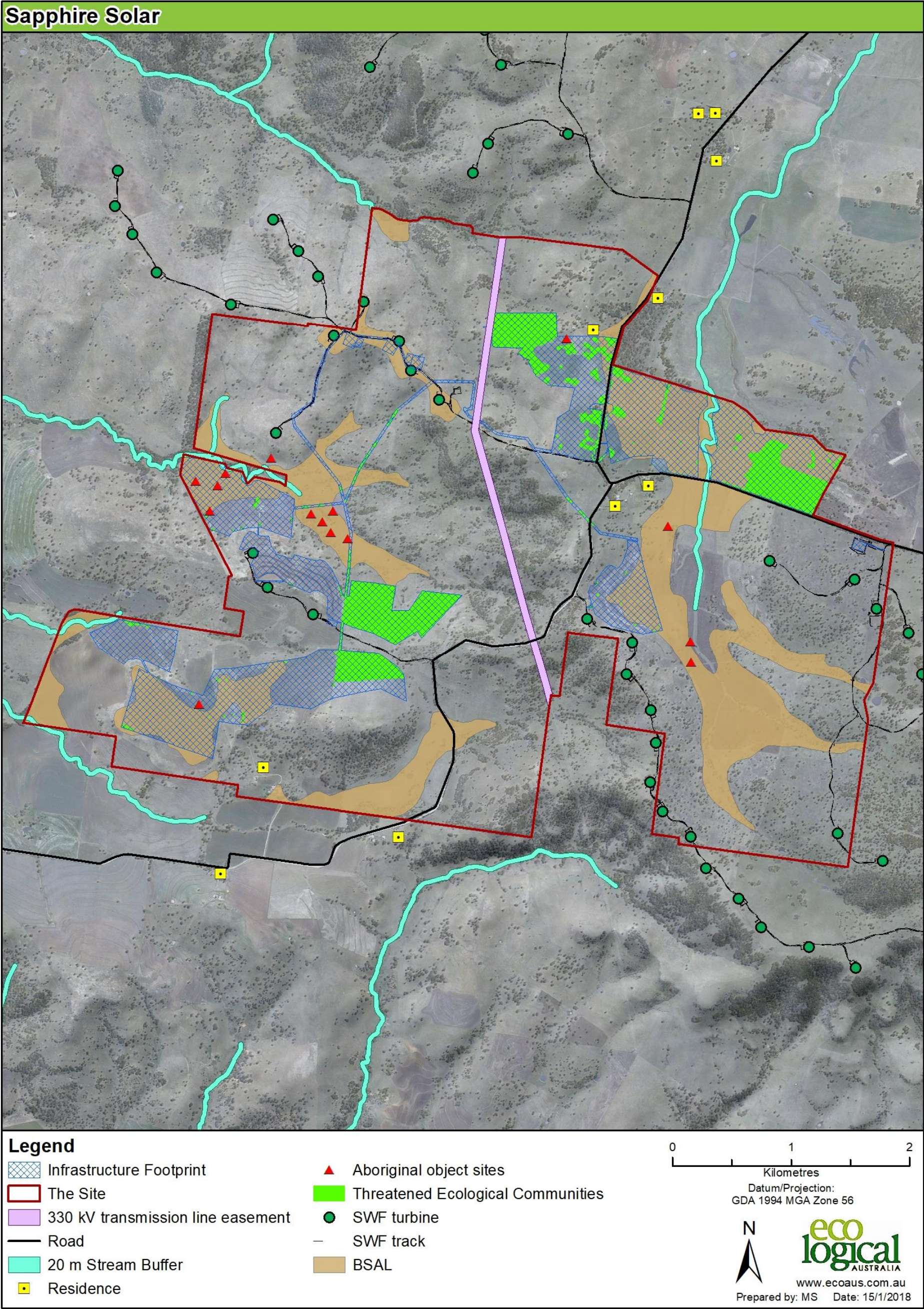


Figure 2-4: Sapphire Solar Farm Site Plan

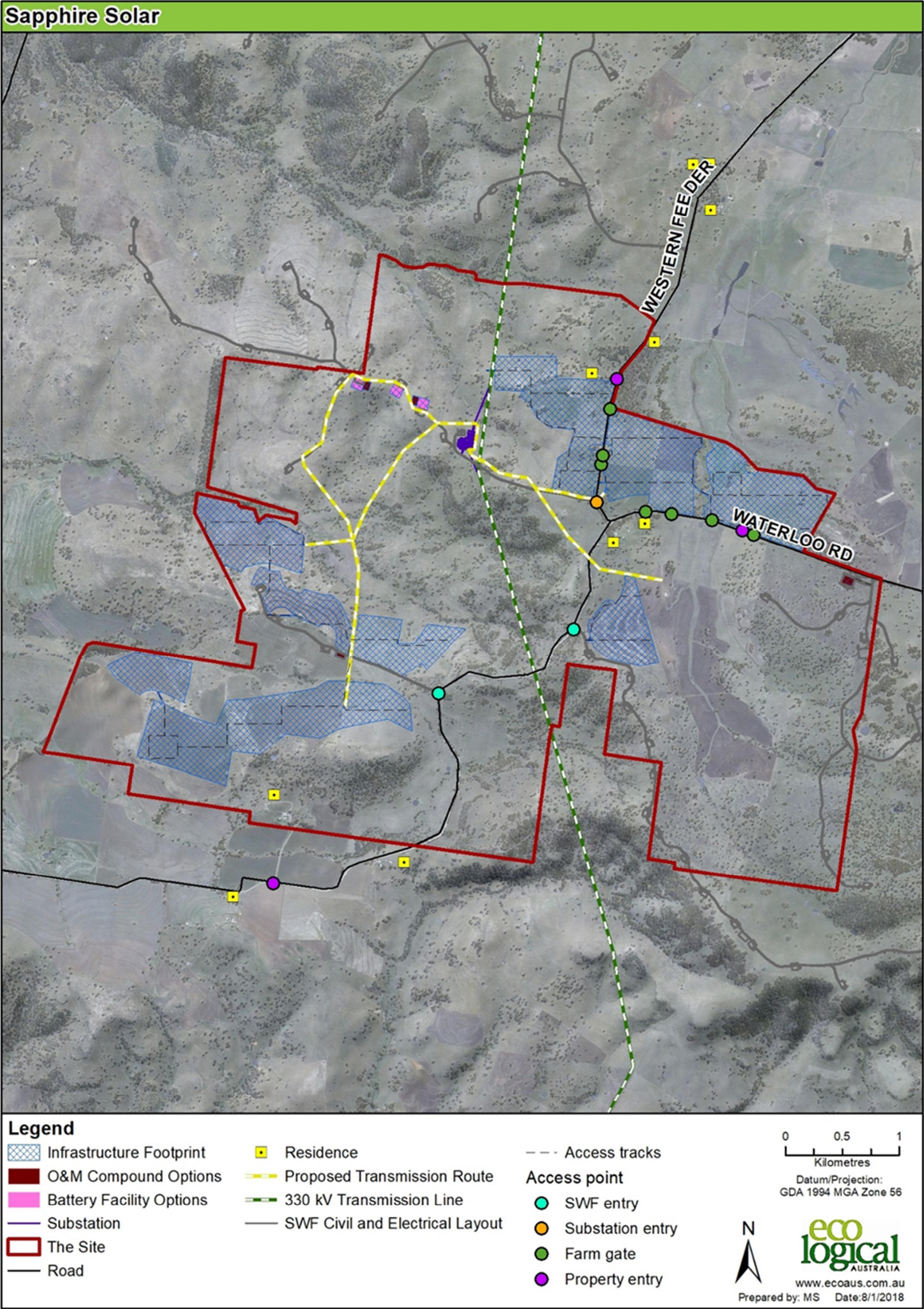


Figure 3-1: Local Context

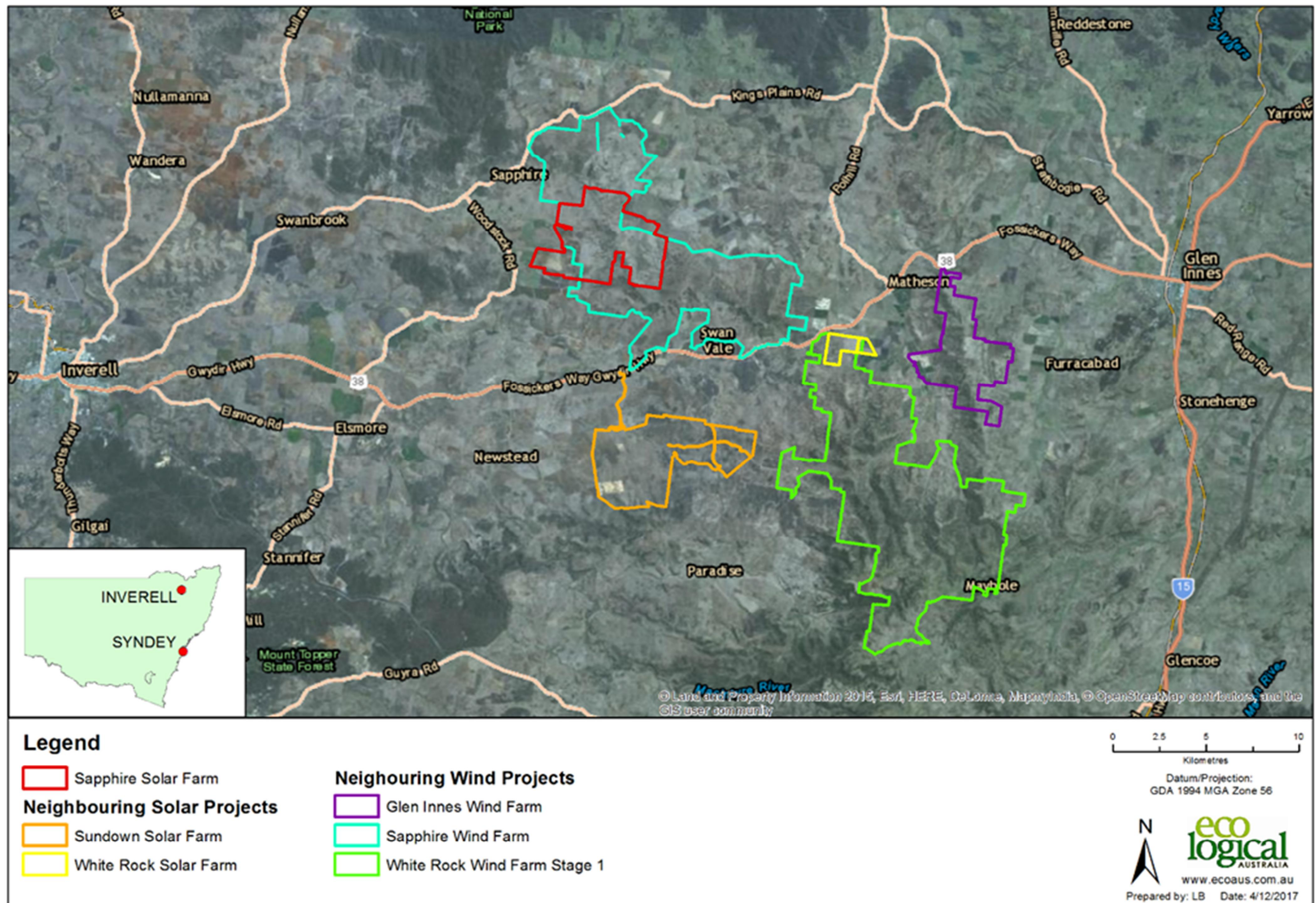


Figure 3-2: Land Tenure

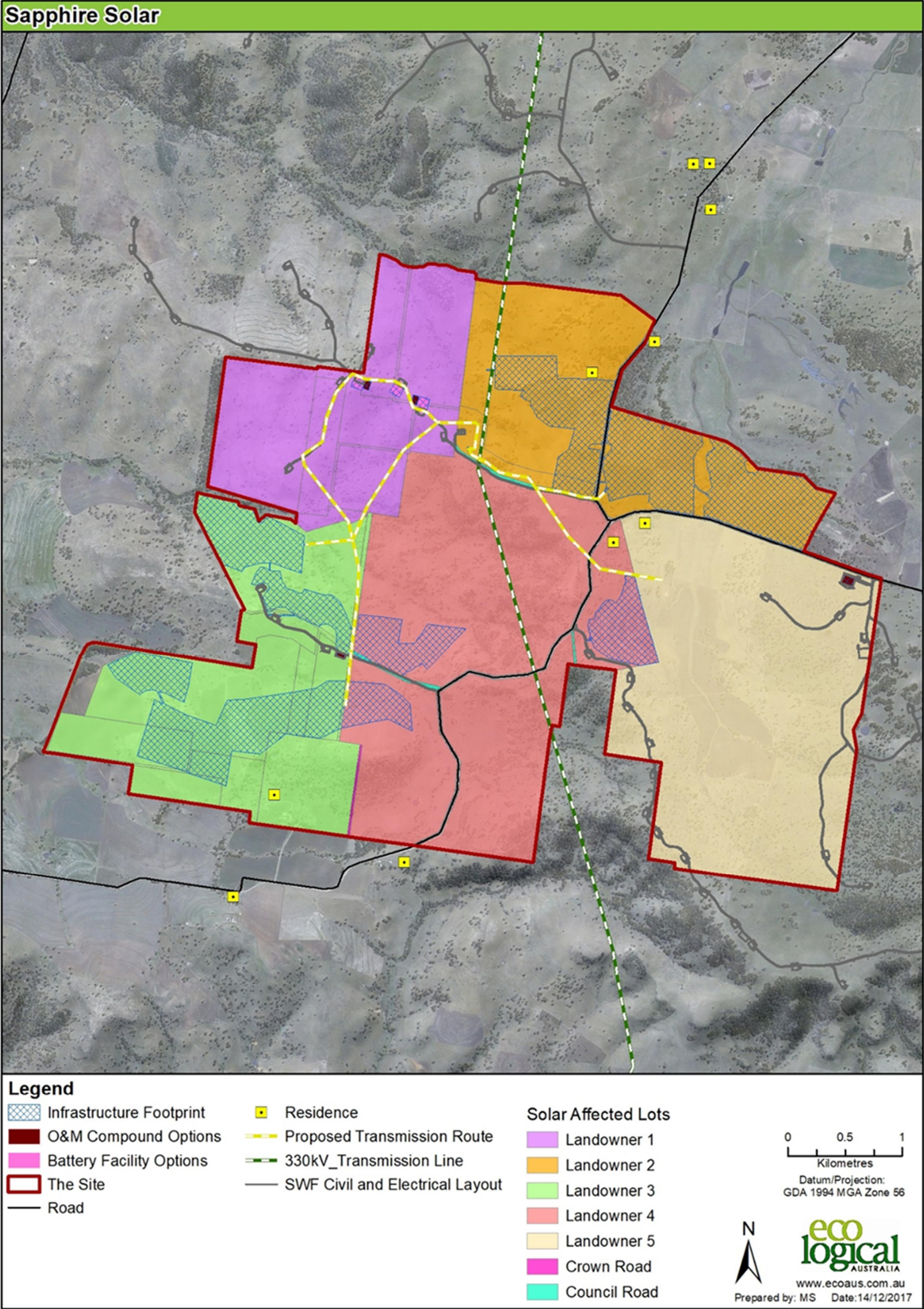


Figure 3-3: Subdivision by Cadastre

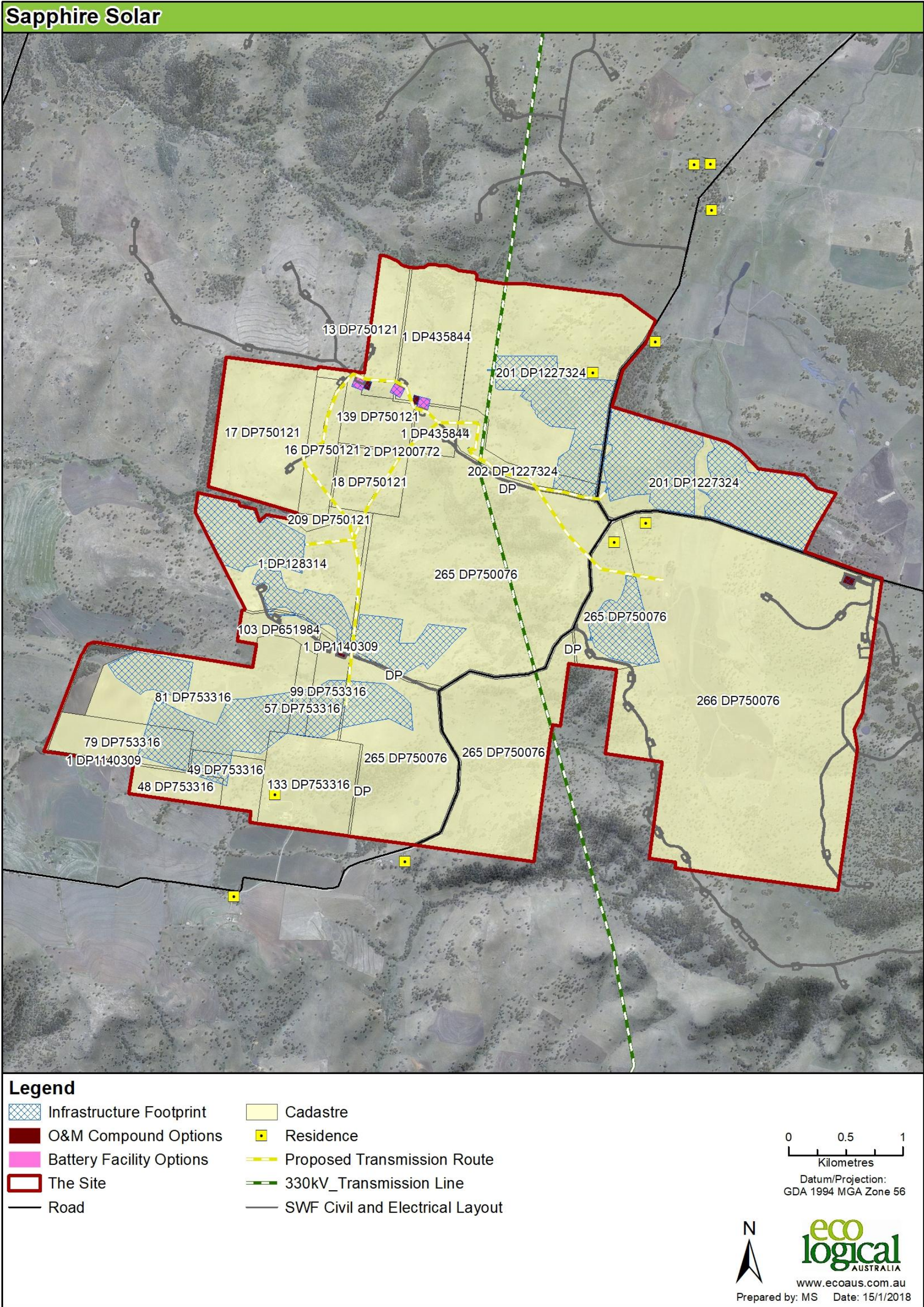


Figure 6-1: Preliminary Constraints and Opportunities



LEGEND		COMPANY				
Residence SWF Civil Layout Substation 33kV Line 330kV Transmission Line Watercourses Buffer (20m) Native Vegetation Slope (>5%)		SAPPHIRE SOLAR FARM PTY LTD cwp Solar				
SCALE BAR		TITLE				
0 2 km		SAPPHIRE SOLAR PRELIMINARY CONSTRAINTS & OPPORTUNITIES				
DATE		SCALE	DWG NO	REV	VER	
11 DEC 2017		1:38000	SAP-162	A	1	
DRAWN BY		CHECKED BY	SHEET	JOB NO	SIZE	
B KRONENBERG		E MOUNSEY	1 OF 1	160301	A3	

Figure 6-2: Sapphire Solar Farm proposed site map from PEA

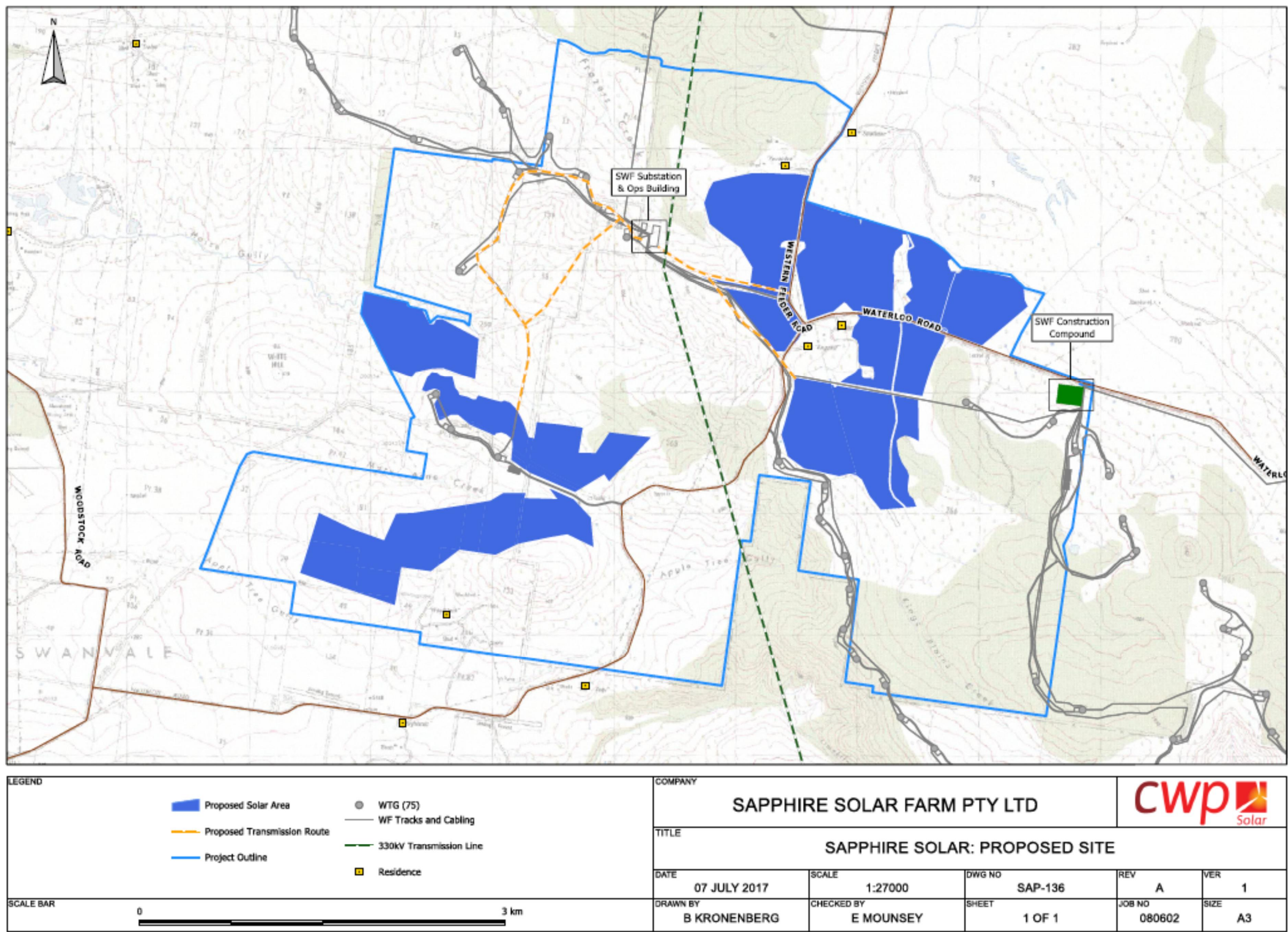


Figure 7-1: Vegetation Zones

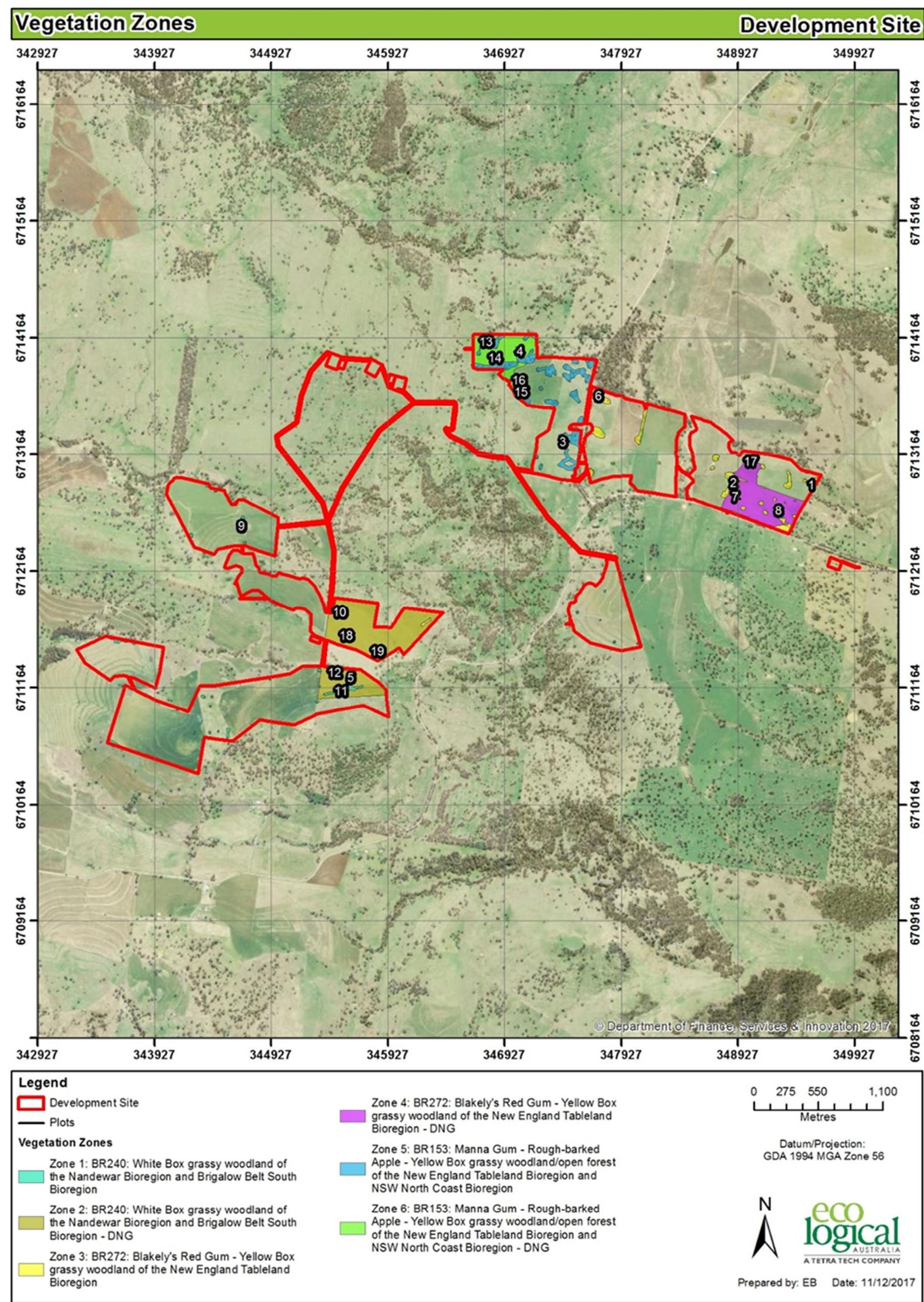


Figure 7-2: Flora and fauna survey location and effort

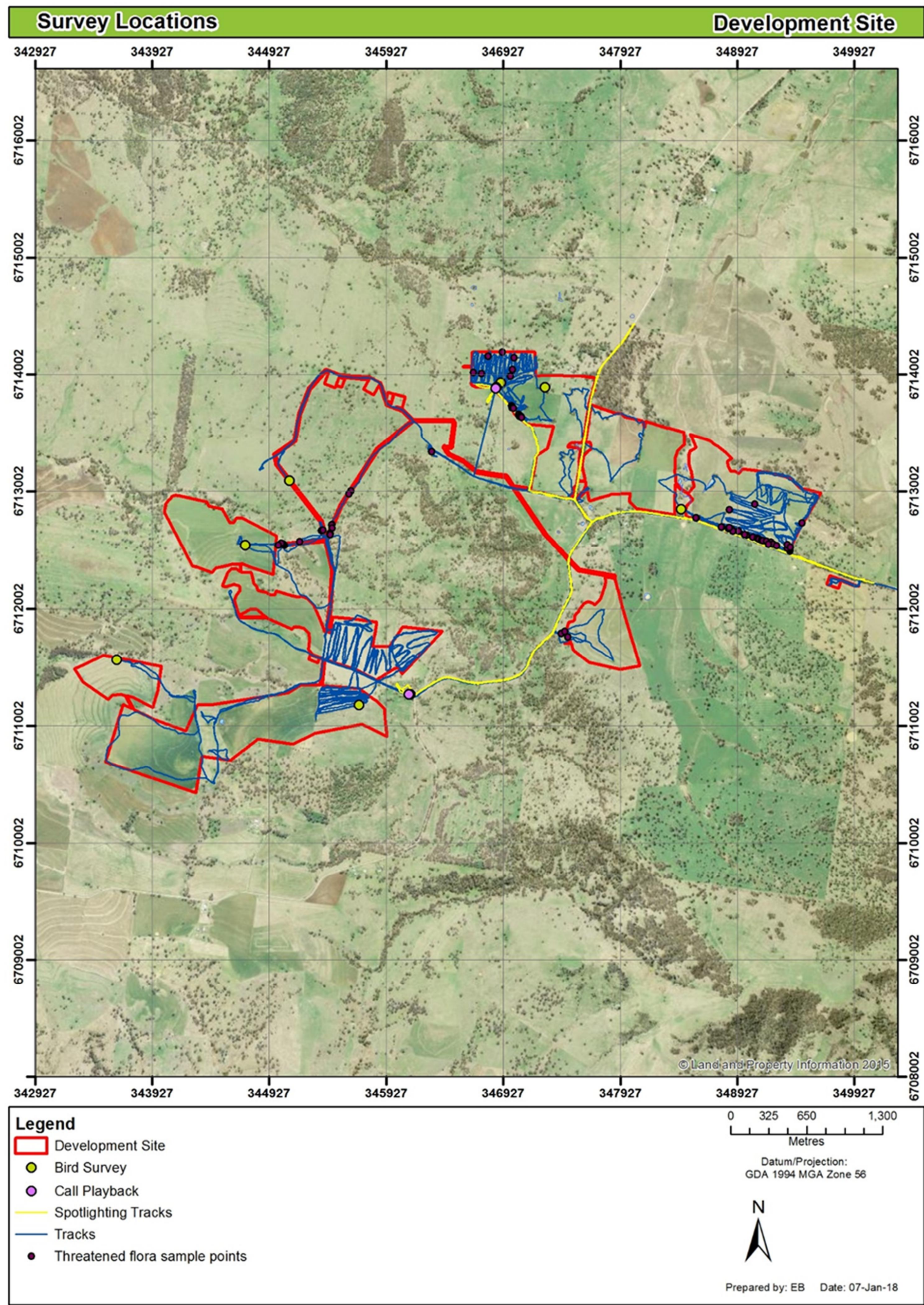


Figure 7-3: Threatened ecological communities within the Infrastructure Footprint

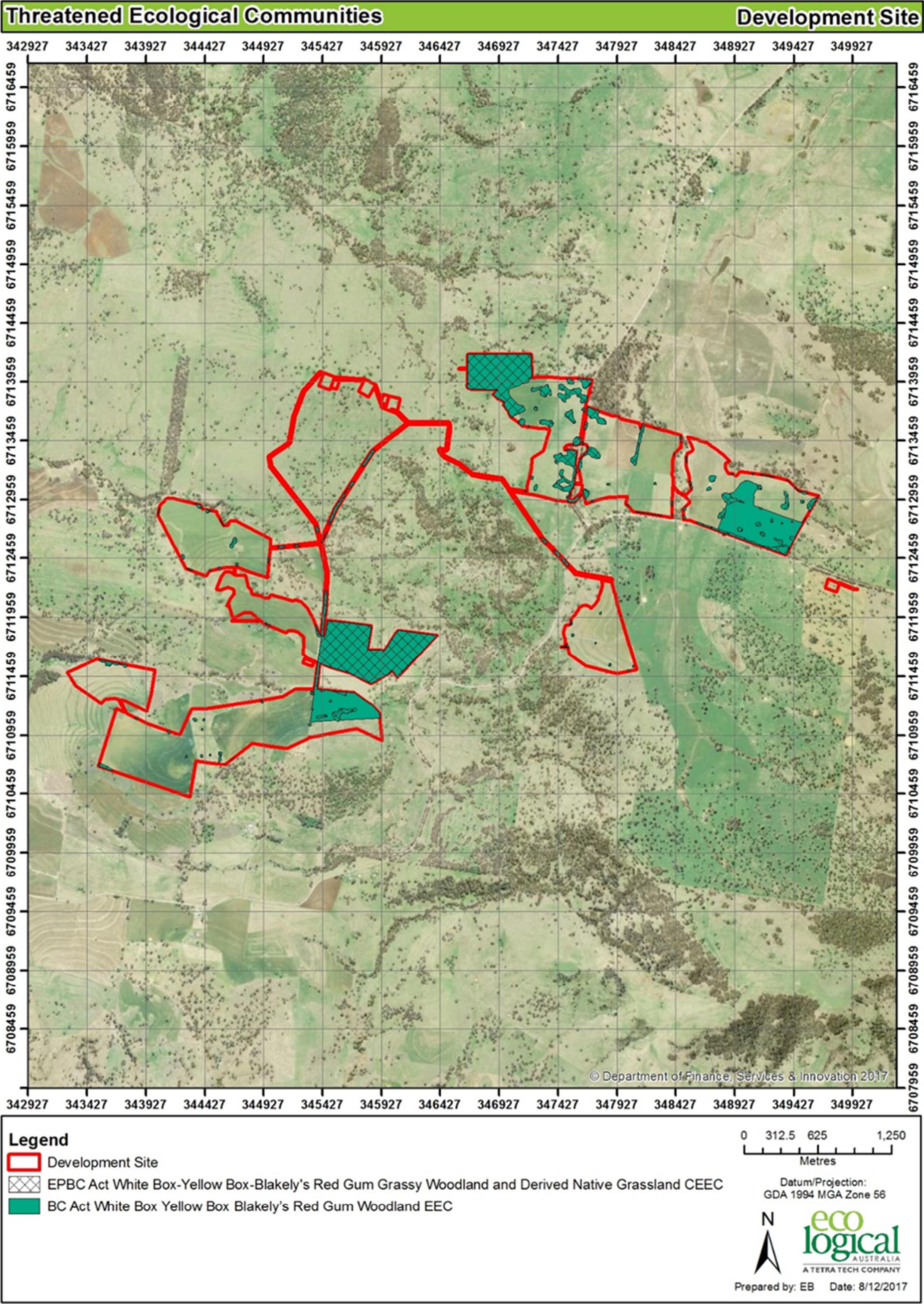


Figure 7-4: Location of AHIMS sites in relation to the Proposed Development (Grid references in AGD datum changed to GDA for mapping).

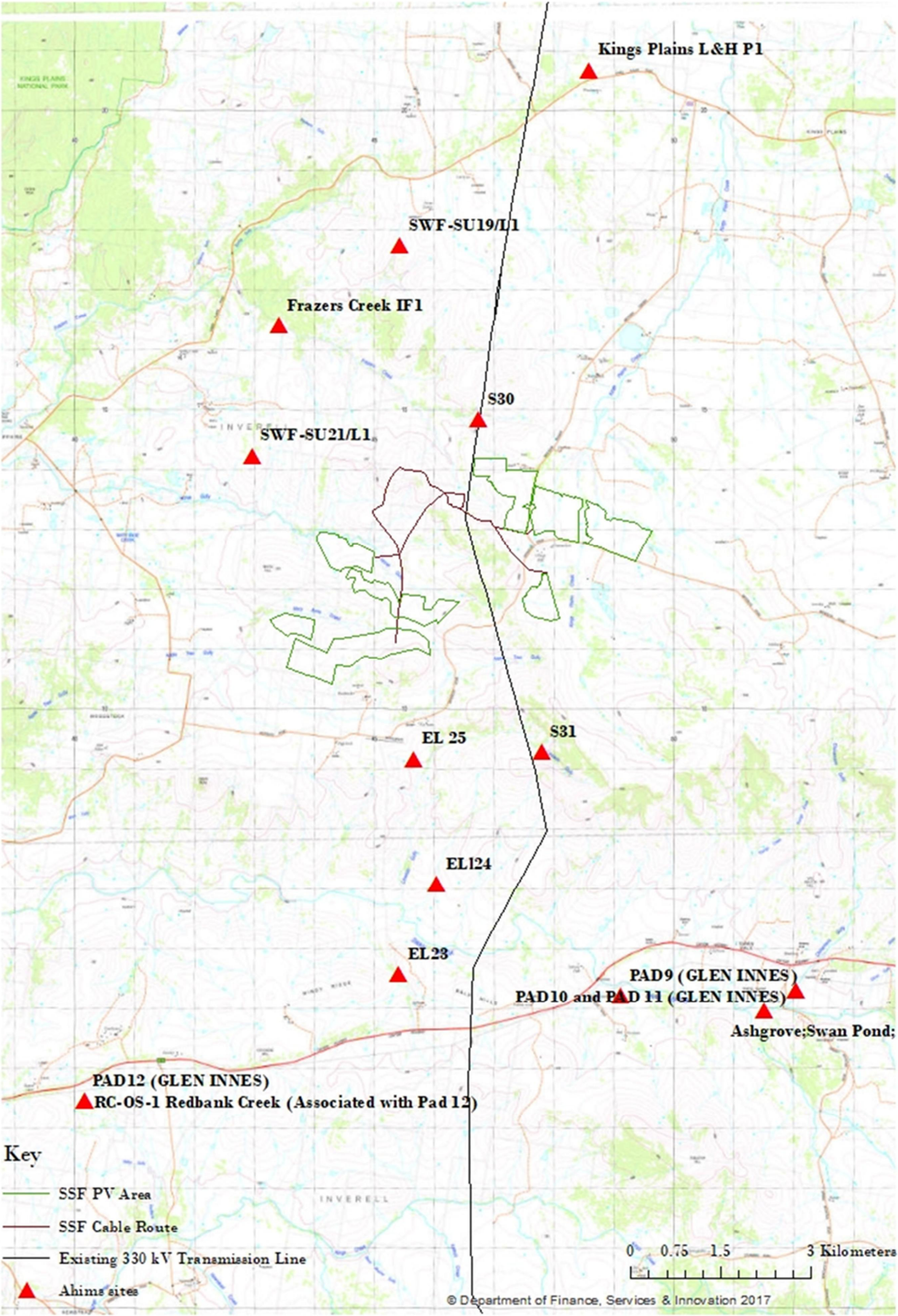


Figure 7-5: Location of Aboriginal object sites; east end.

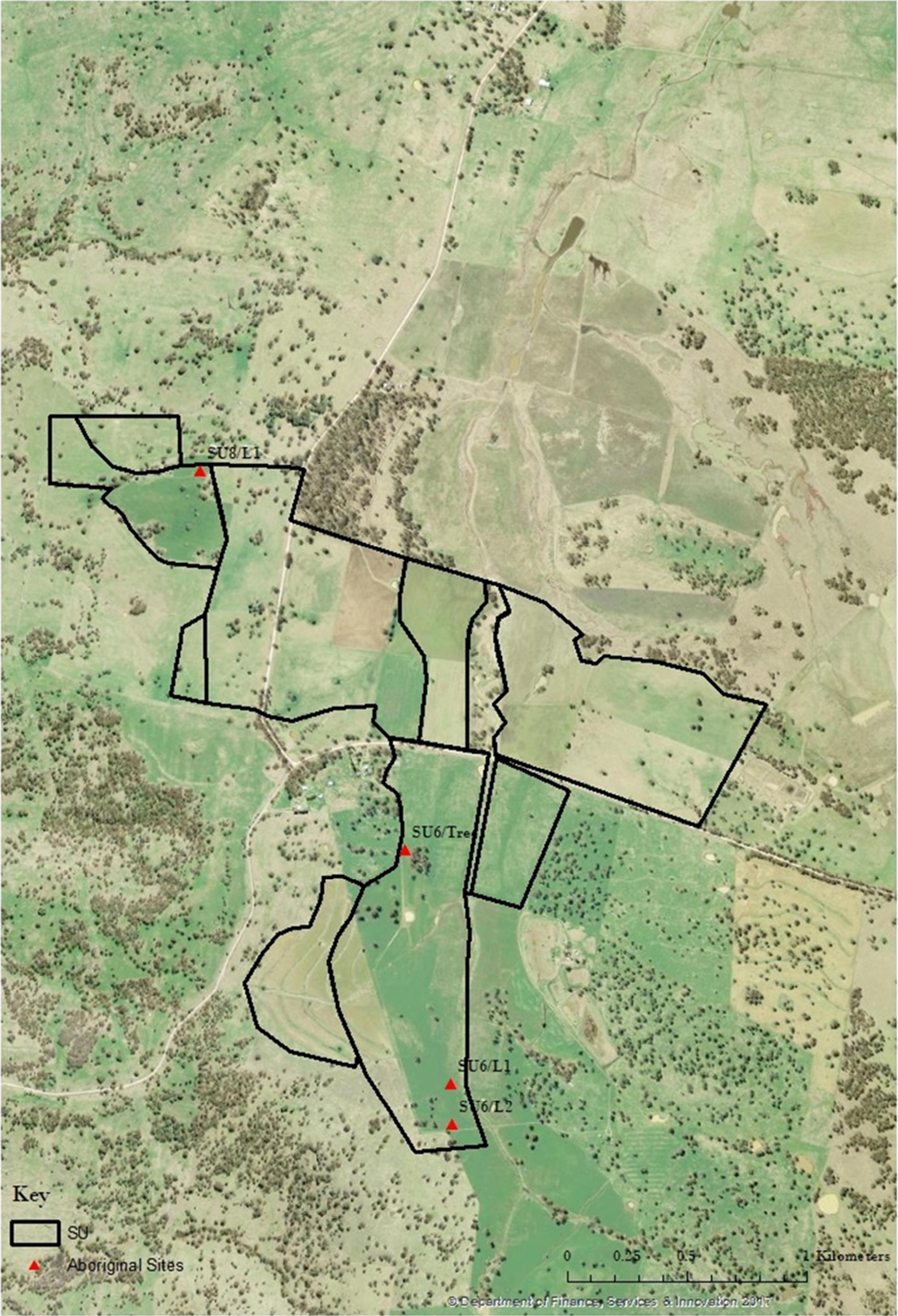


Figure 7-6: Location of Aboriginal object sites; west end.



Figure 7-7: Current mining and exploration leases and applications in the Project Outline and immediate surrounds. Source: NSW Department of Industries (2016a) and NSW Department of Industries (2016b)

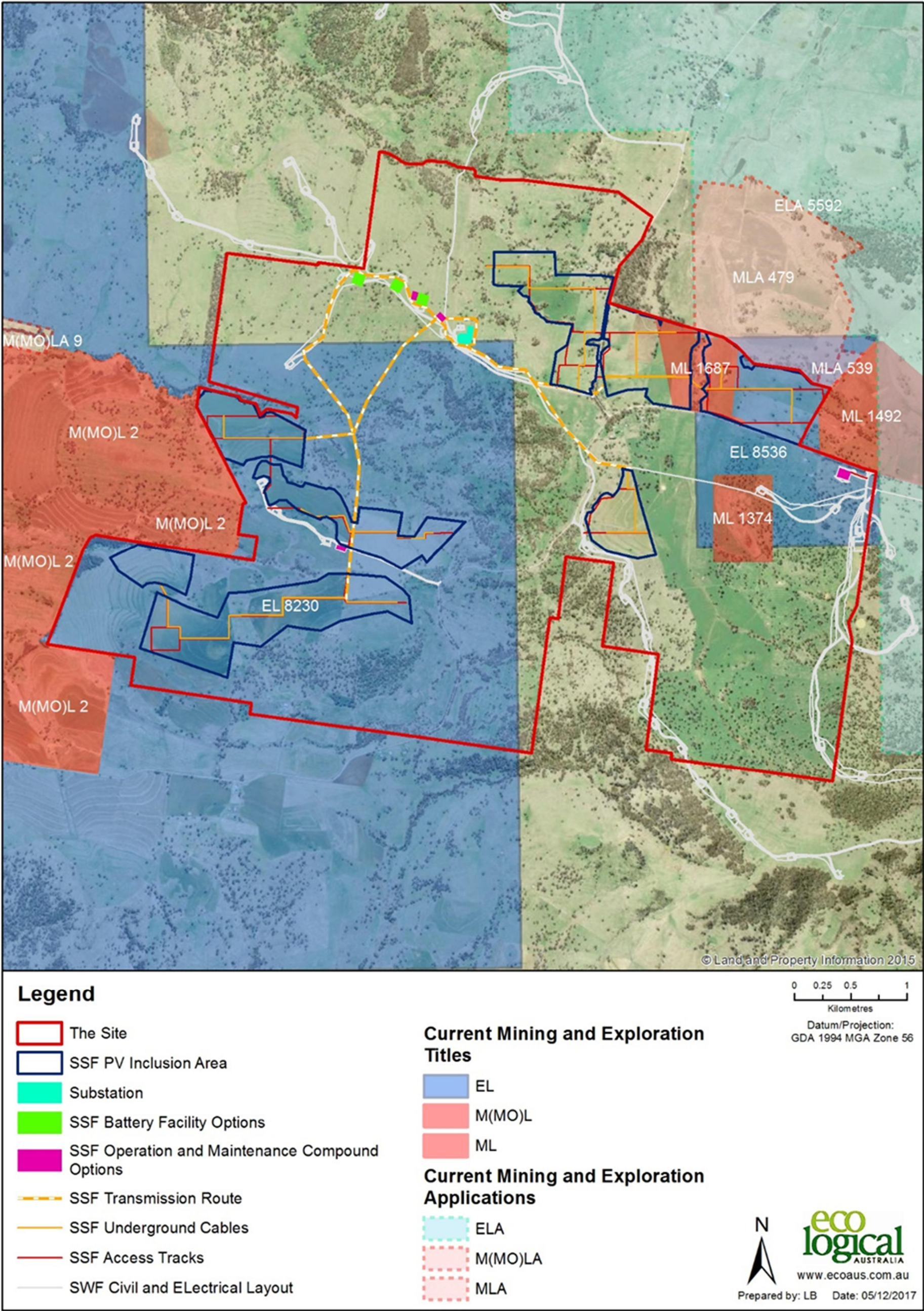


Figure 7-8: Soil landscapes in the Site. Source: CWP (2012)

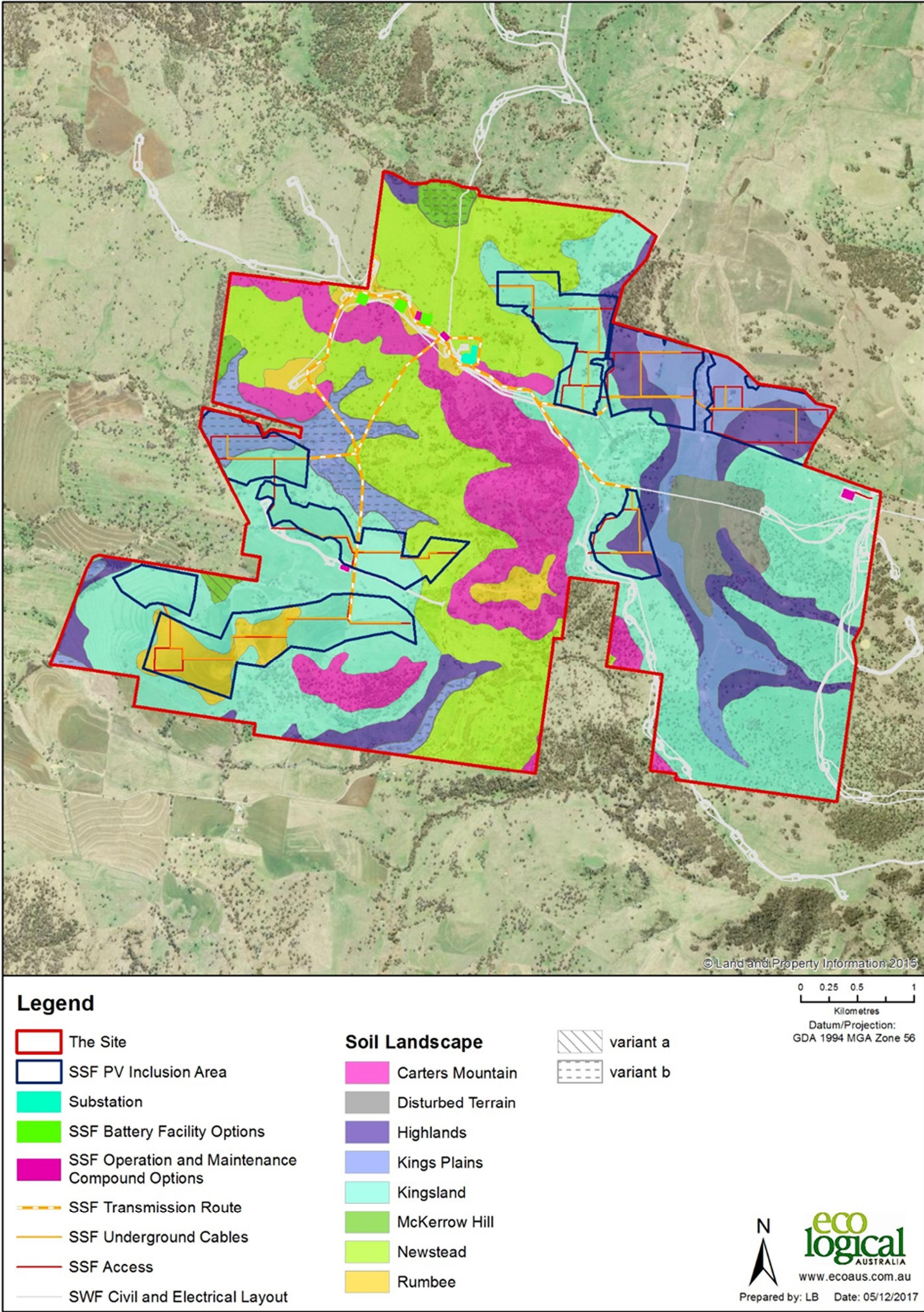


Figure 7-9: Biophysical Strategic Agricultural Land in the Development Footprint and surrounds. Source: NSW Department of Planning and Infrastructure (2013)

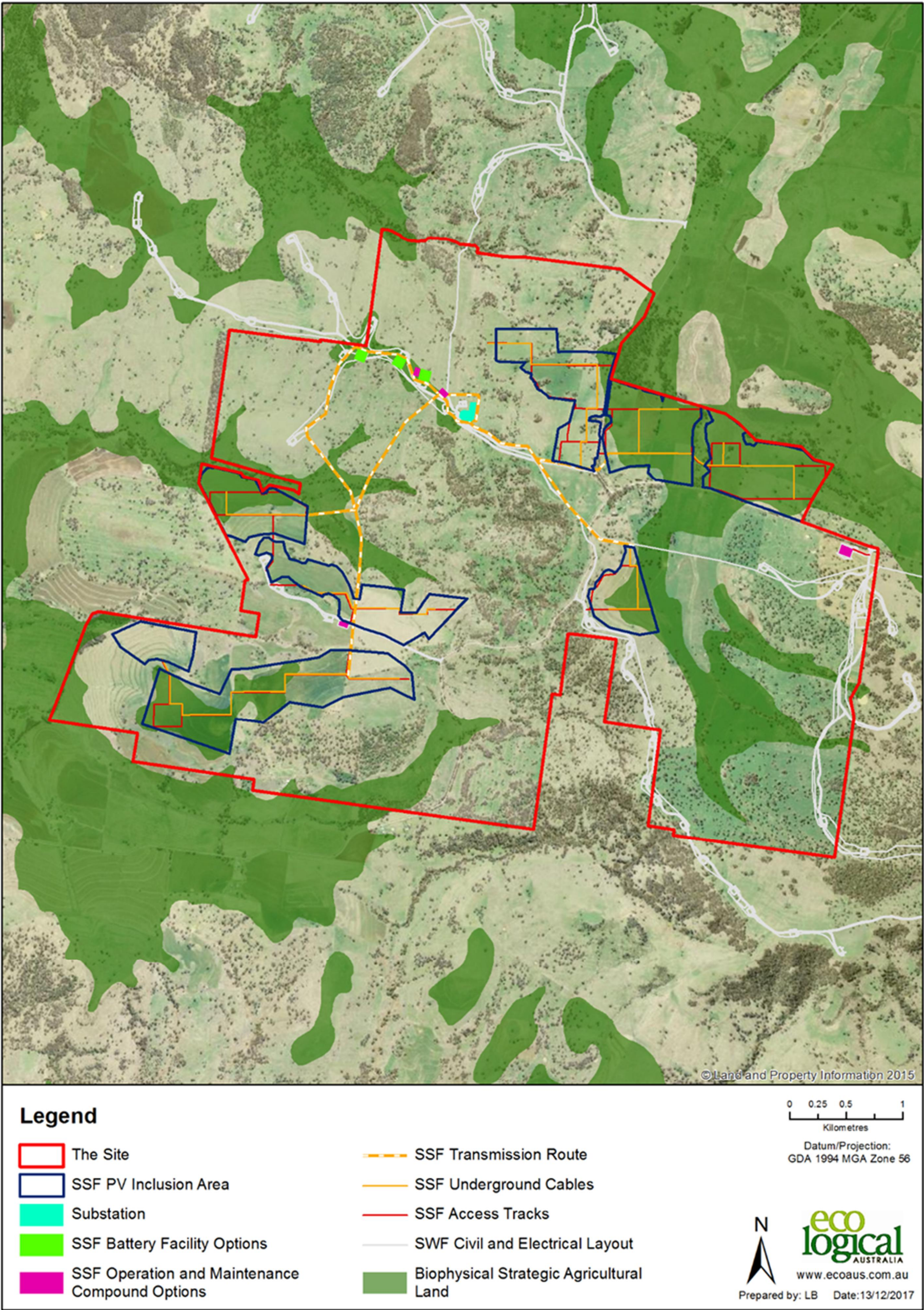


Figure 7-10: Probability of occurrence of acid sulfate soil within the Site. Source: Powell & Marvanek (2011)

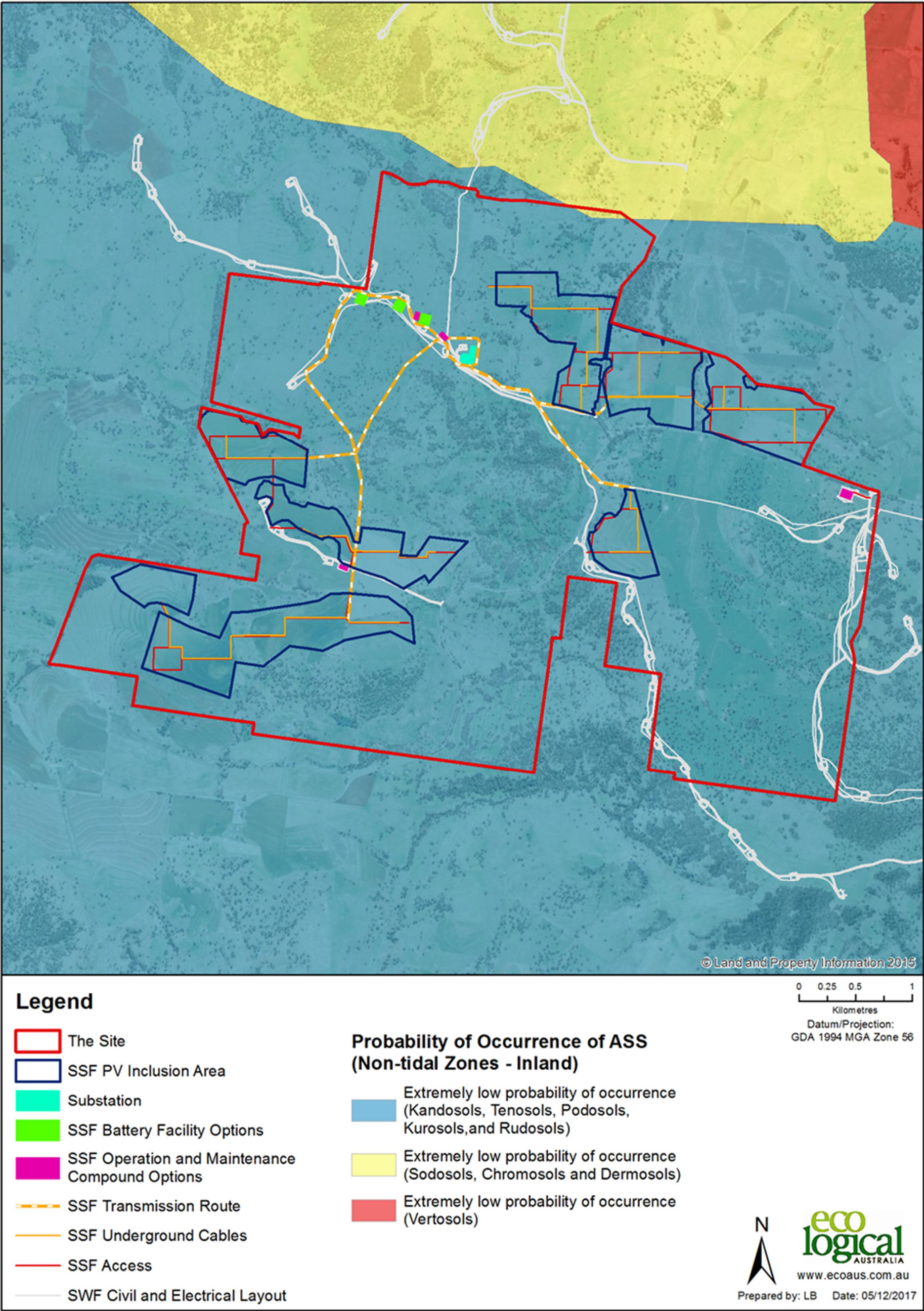


Figure 7-11: Study areas and wider site context.

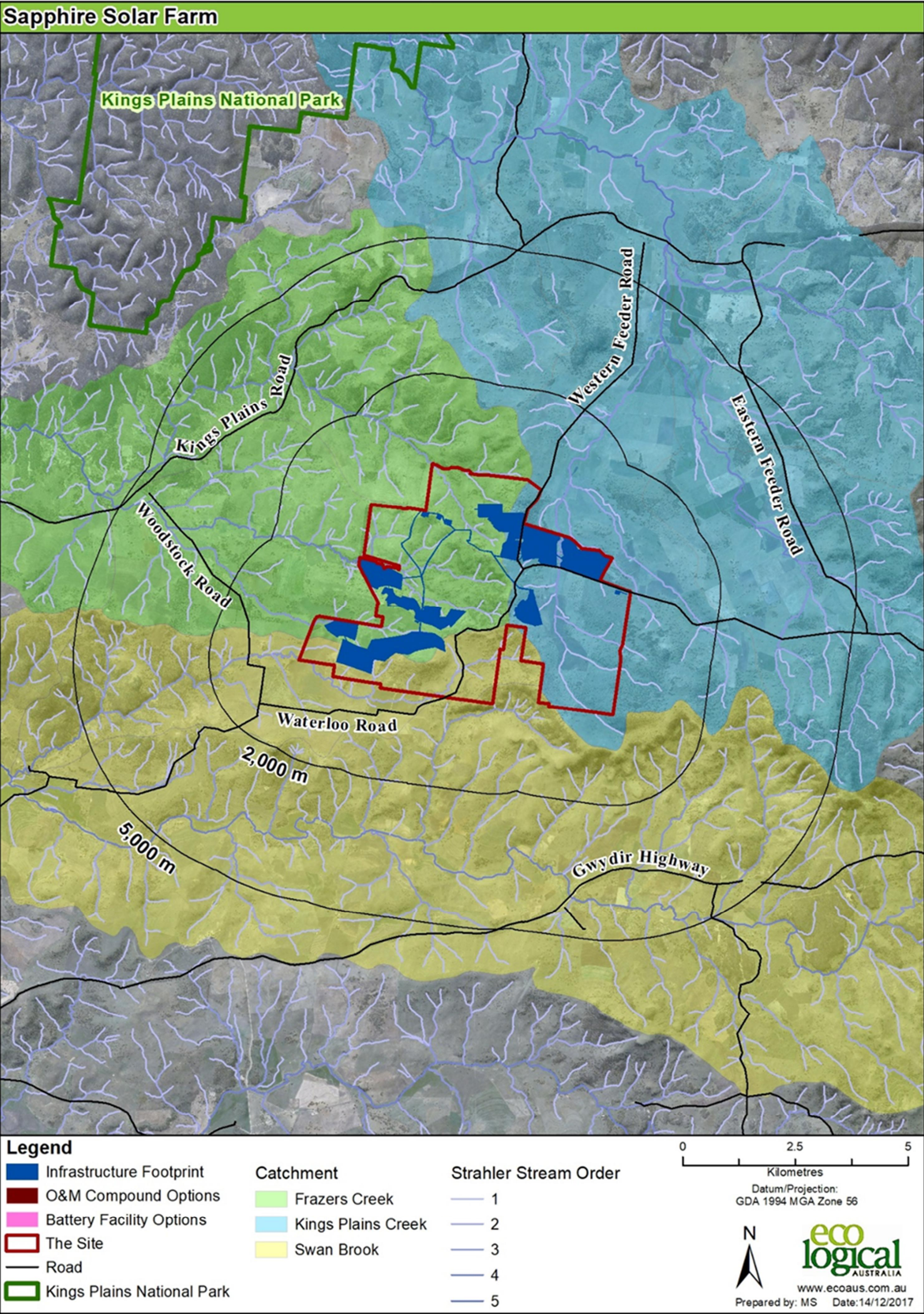


Figure 7-12: Typical views of LCU1, showing rolling rural landscape and cleared vegetation from Eastern Feeder Road across Kings Plains Creek valley.



Figure 7-13: Typical views of LCU2 viewed from Waterloo Road looking north east.



Figure 7-14: ZVI model indicating Development Footprint visibility at a sub-regional level.

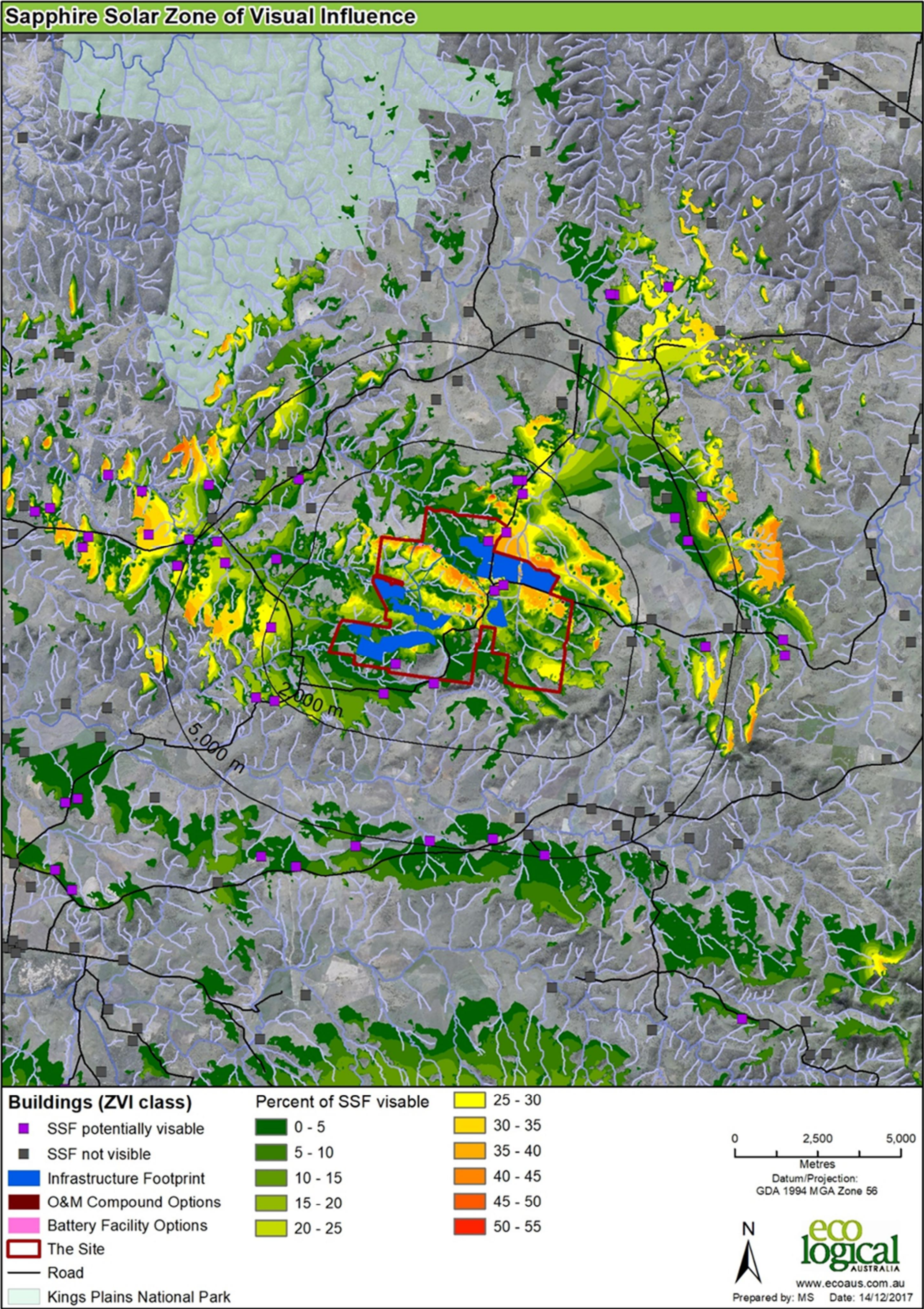


Figure 7-15: Key Public and Private Viewpoints selected for visual amenity impact assessment.

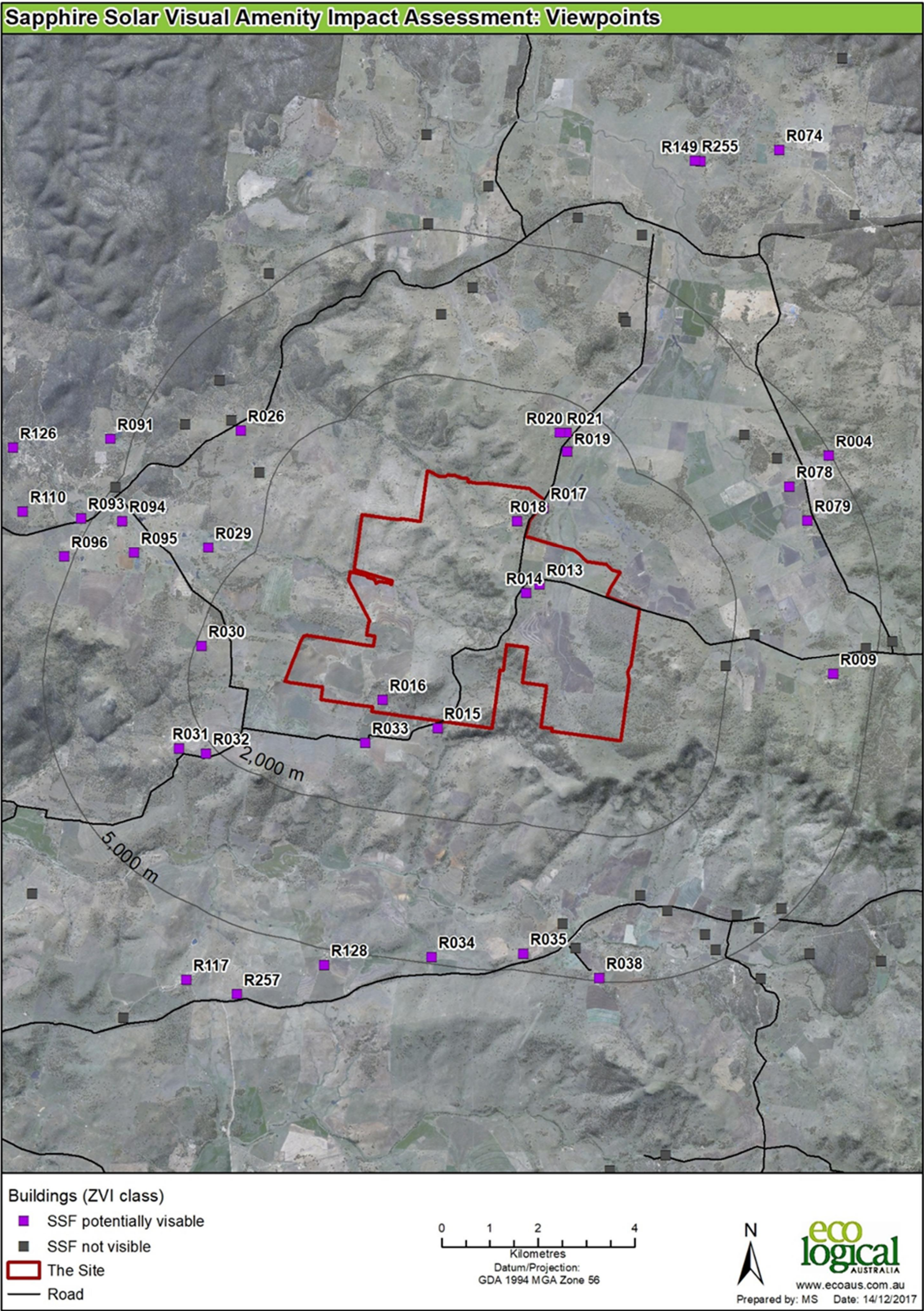


Figure 7-16: Sections of road that could experience solar reflection (Pager Power, 2017)

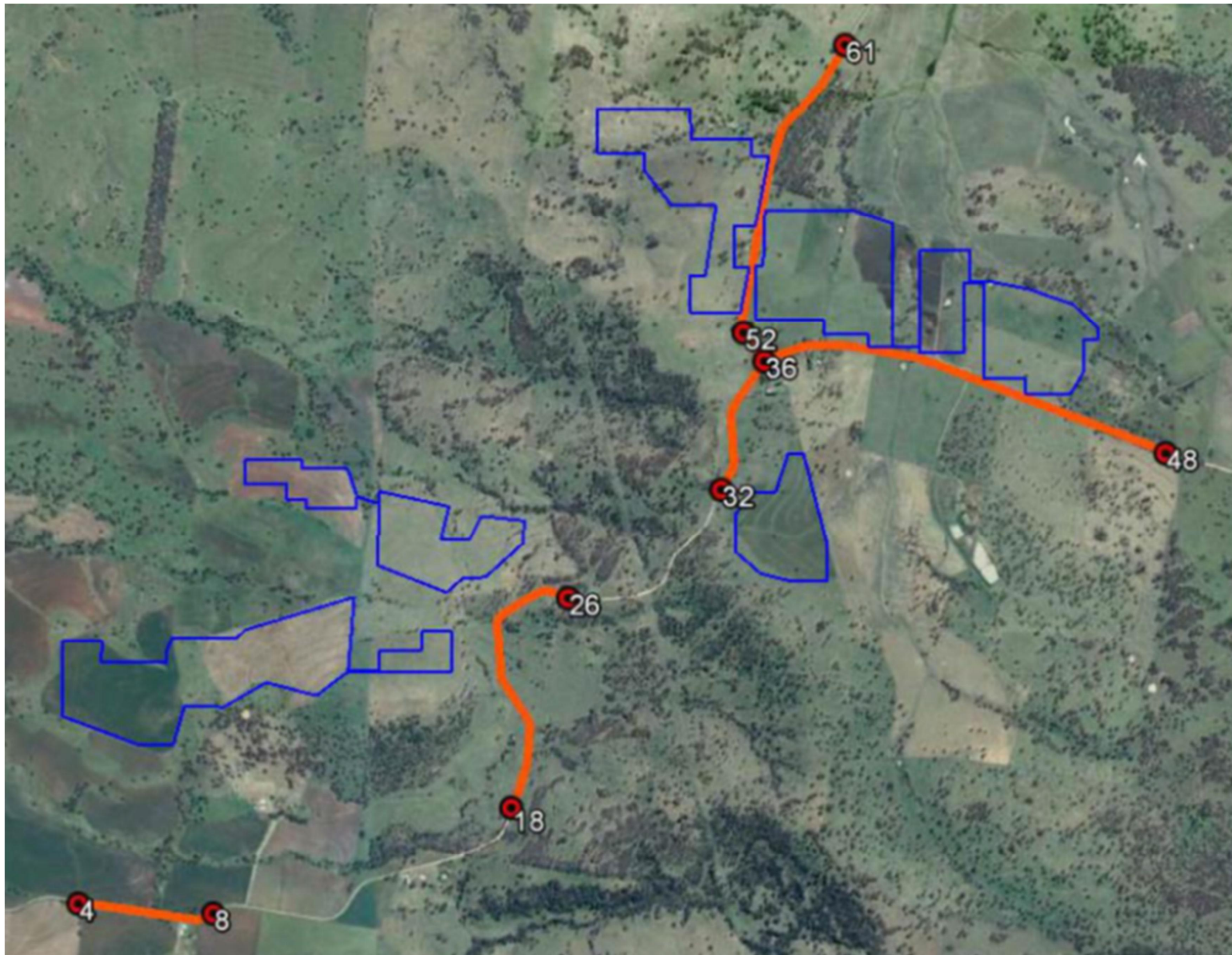


Figure 7-17: Renewable Energy developments in New England Renewable Energy Precinct

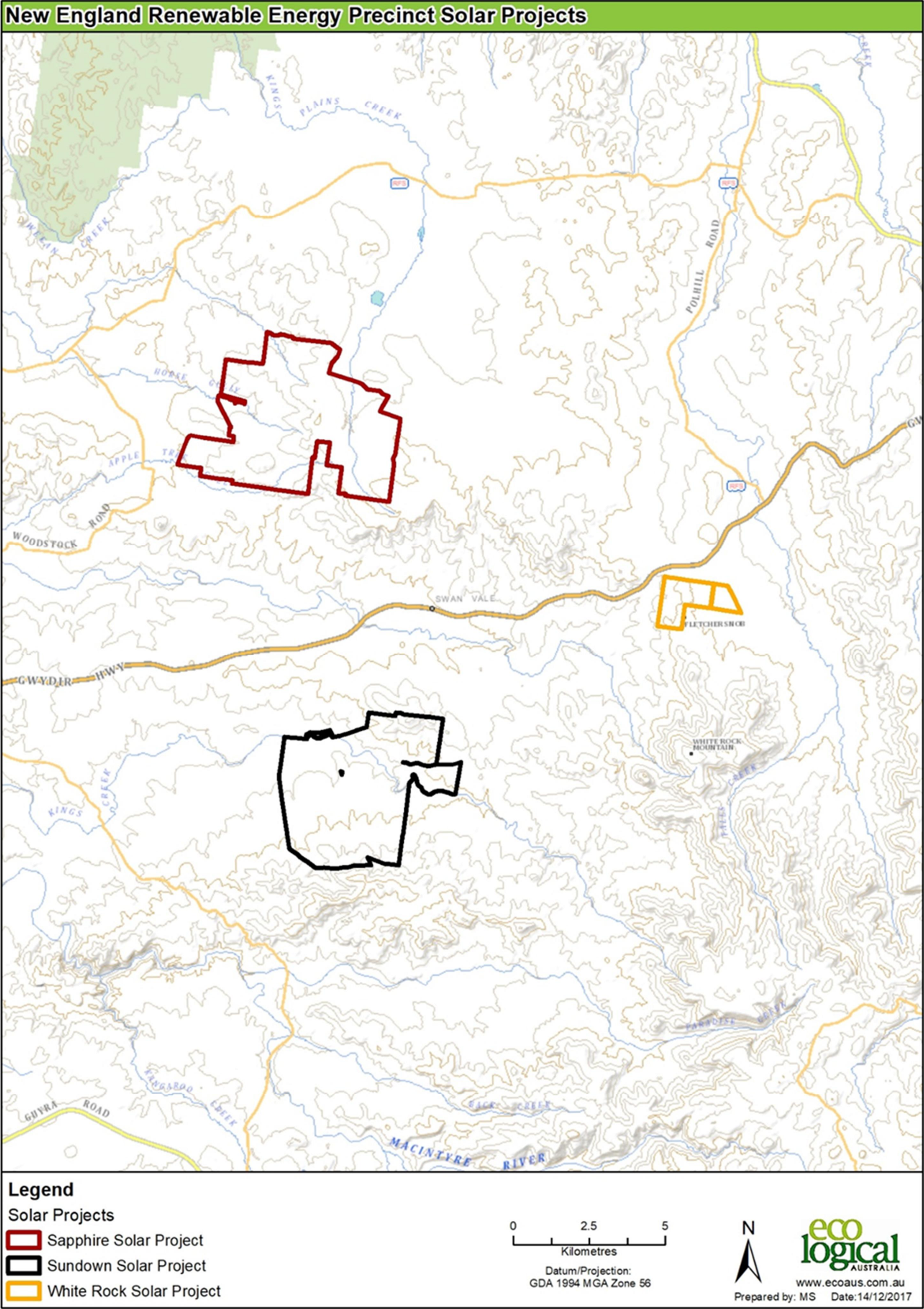


Figure 7-18: Draft landscaping plan for Waterloo Road

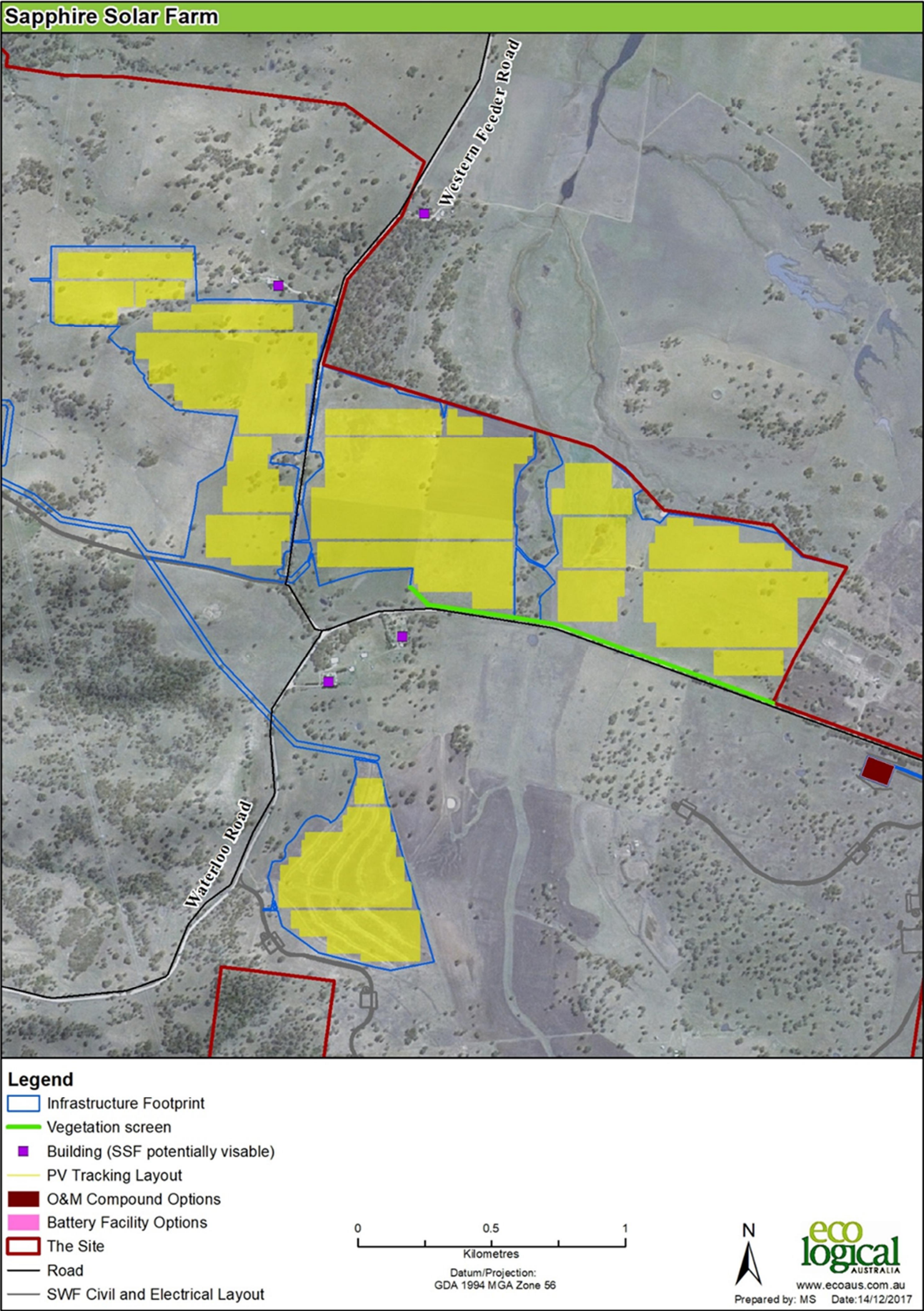


Figure 7-19: Location of noise sensitive receivers

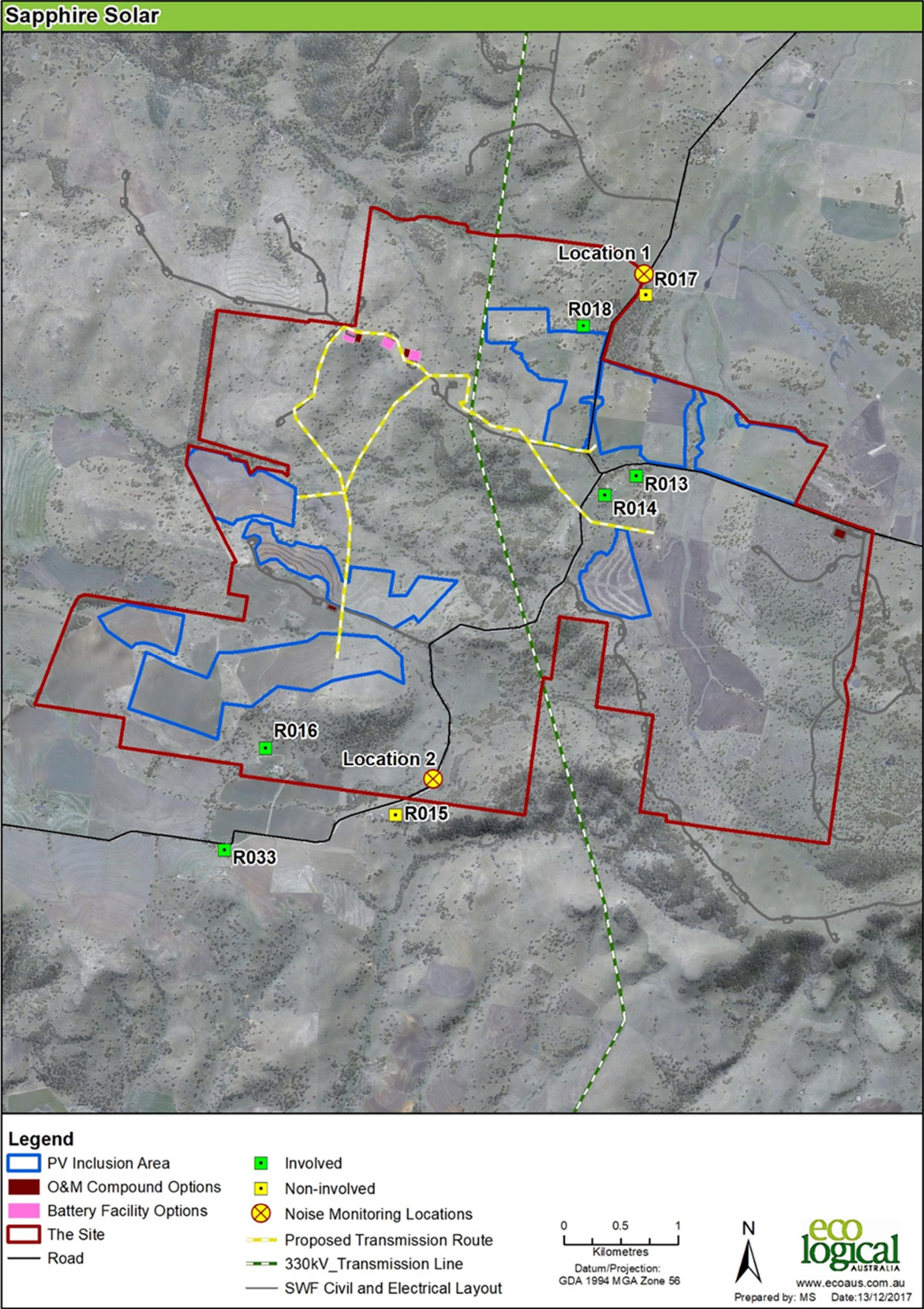


Figure 7-20: Site access arrangements

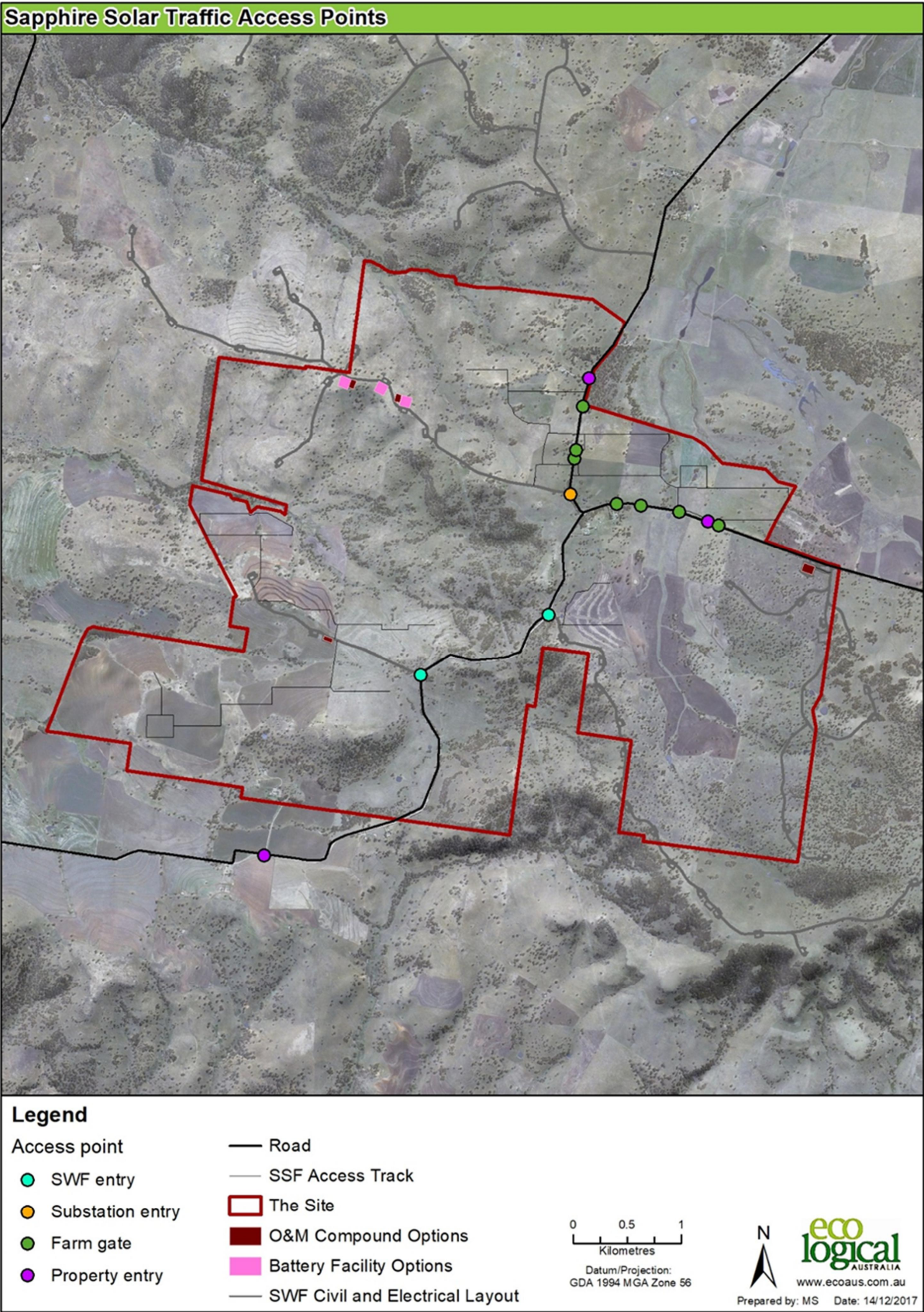


Figure 7-21: Surface water resources

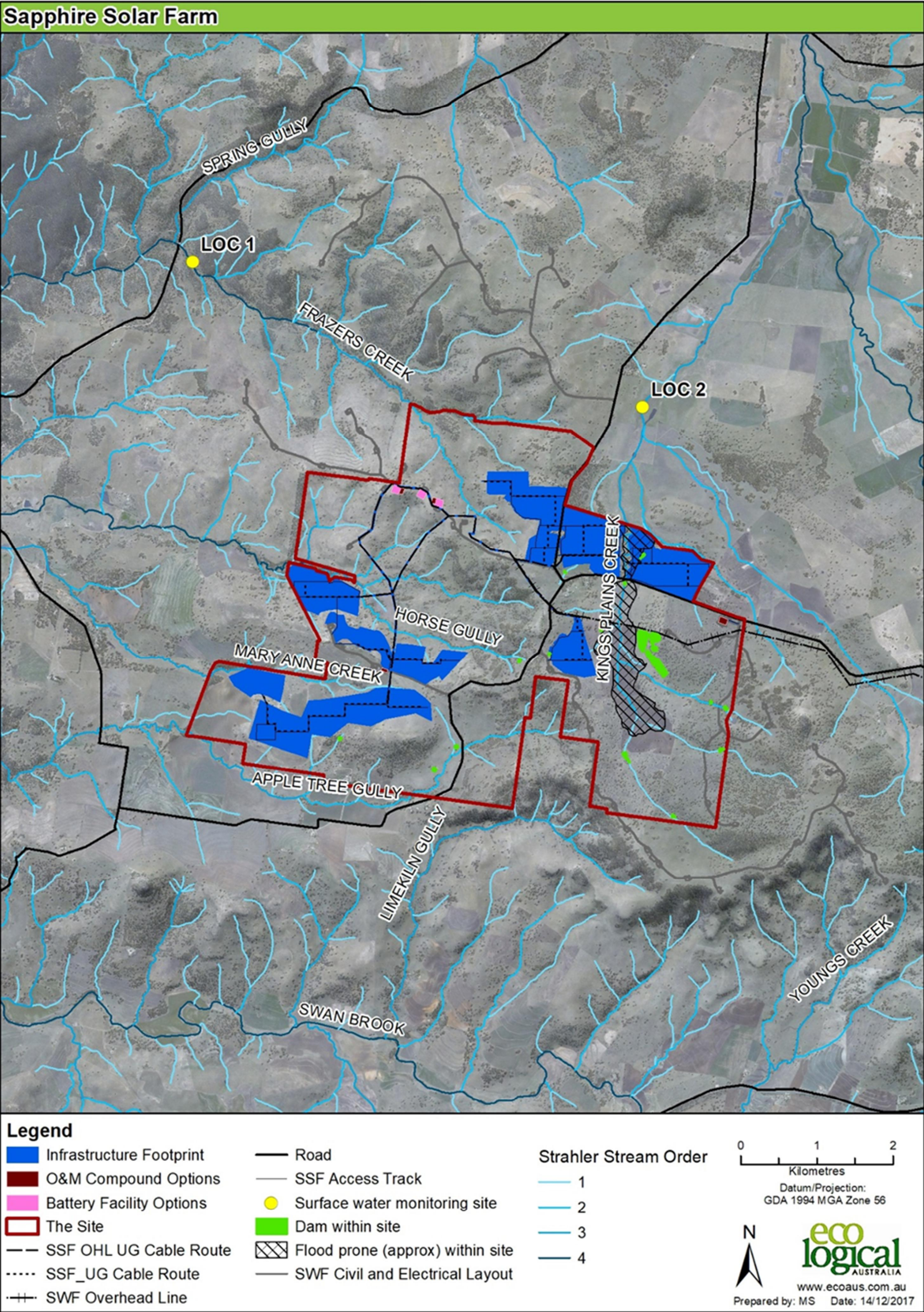


Figure 7-22: Flood modelling catchments.

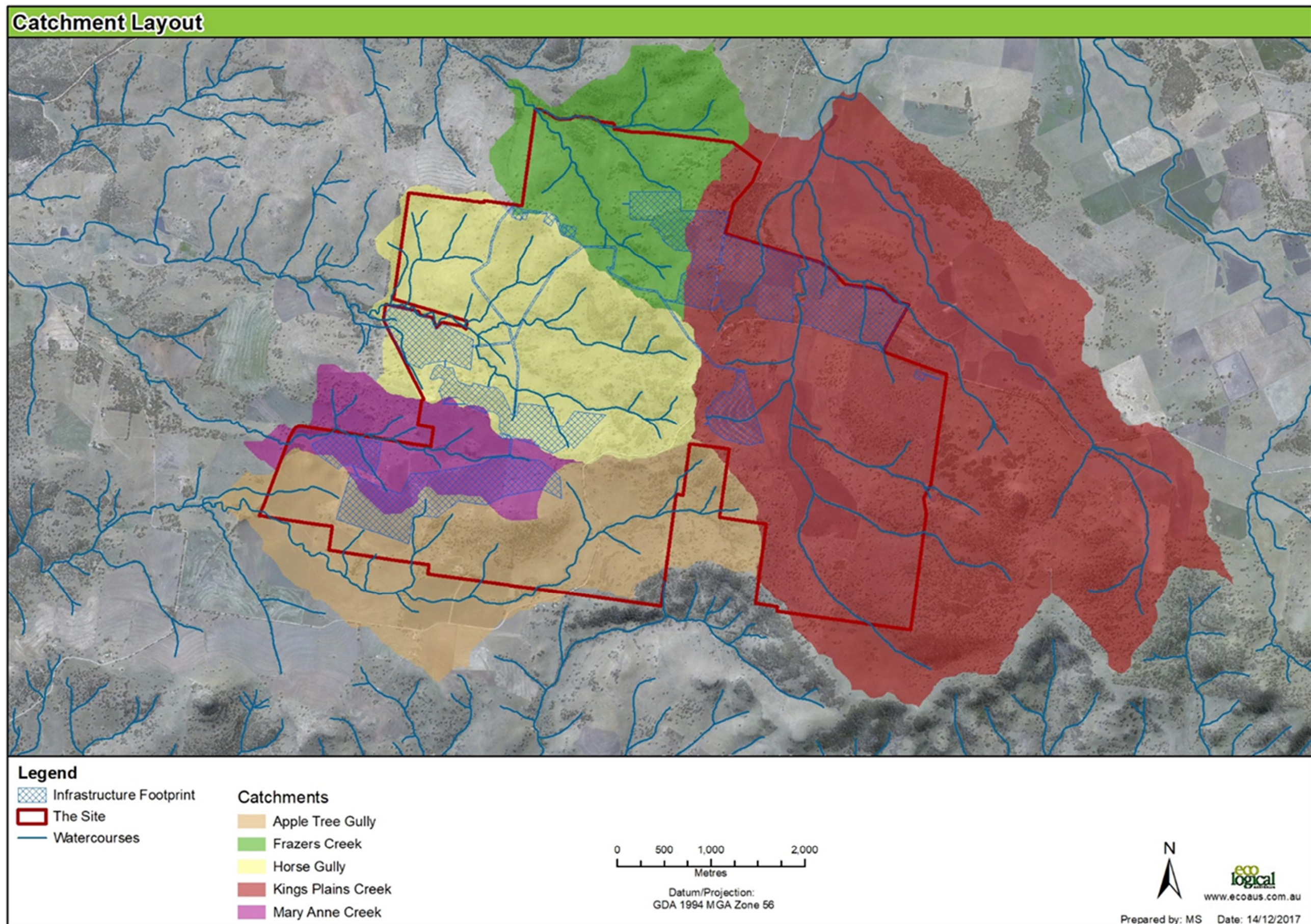


Figure 7-23: Groundwater resources

