

NSW Foundation Spatial Data Framework Data Custodian Records



The following spatial theme profile is the formal custodian arrangements for whole of government foundation spatial data.

Land Parcel and Property theme

Theme profile

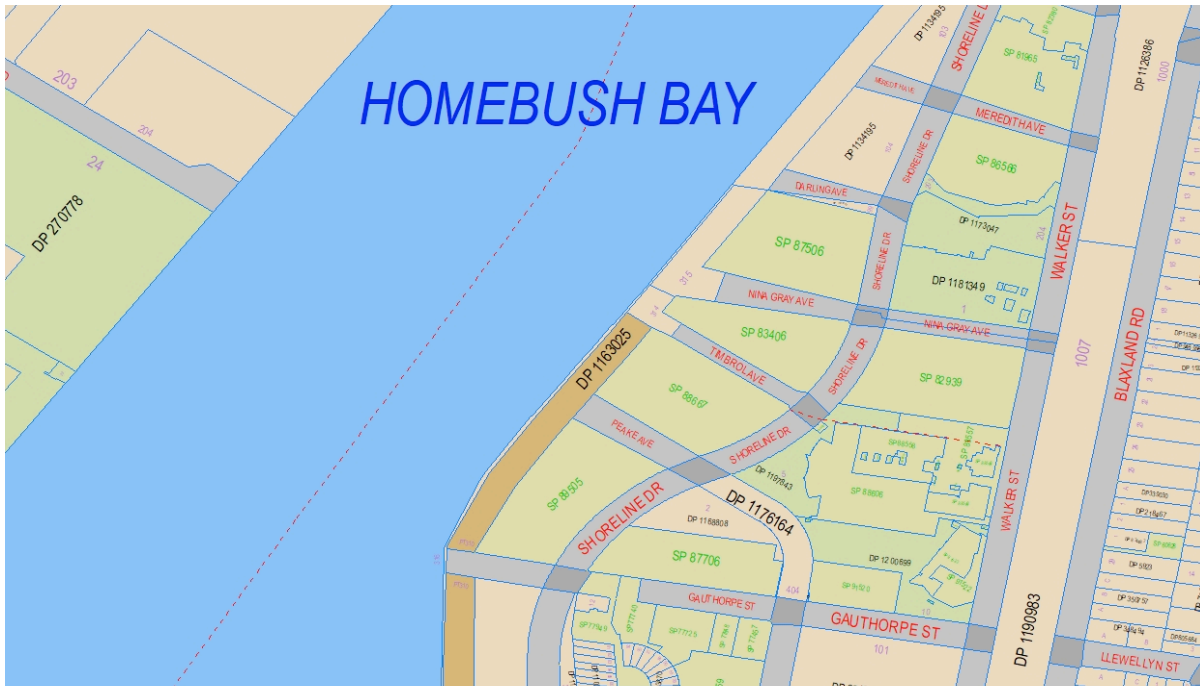


Image depicts a sample of the Land Parcel and Property theme © DFSI Spatial Services 2018 (Displayed: Cadastral Line, Lot, Road, Unidentified, Water and Annotation features)

Name	Land Parcel and Property
Description	<p>A land parcel is an area of land with defined boundaries, under unique ownership for specific property rights or interests.</p> <p>A property is something that is capable of being owned, in the form of real property (land). The interest can involve physical aspects, such as the use of land, or conceptual rights, such as a right to use the land in the future.</p> <p>The NSW cadastre is an up to date parcel based land information system which contains a unique identifier which can be linked of interests in land (i.e. rights, restrictions and responsibilities). The cadastre includes a geometric definition of land parcels linked to other records, such as land titles, describing the nature of the interests, the ownership or control of those interests, and often the value of the parcel and its improvements.</p>

	<p>A cadastral product or service visualises the boundaries of land parcels, often buildings on land, the parcel identifier, and basic topographic features.</p> <p>The land parcel and property theme provides the foundation fabric of land ownership. It consists of the digital cadastral database and associated parcel and property information.</p>
Datasets	<p>Cadastral Fabric Cadastral Features Property</p>
Purpose	<p>Land and property data underpins the economic, social and environmental fabric of Australia and is used, amongst other things, to:</p> <ul style="list-style-type: none"> • secure tenure for access to capital • define allowable use of land • manage native title, nature conservation, heritage protection, defence, and disaster management • improve infrastructure and property development planning • water and carbon accounting programs.
Status	<p>The Spatial Services digital cadastral database (DCDB) maintenance program captures all changes to the statewide cadastral fabric from new survey plans and a variety of other sources.</p> <p>The DCDB upgrade program is improving the spatial accuracy of the cadastral fabric by using survey dimensions and improved survey control. Upgrades are carried out together with the relevant Local Government Authority and are further facilitated through the incorporation of data provided by Local Government Authorities, Hunter Water and Sydney Water.</p> <p>Upgrade positional accuracy varies across the state and generally ranges from less than 5m from true position in rural areas to less than 0.2m from true position in urban areas, dependent on the survey control available.</p> <p>Data quality in both Cadastral Maintenance and Cadastral Upgrade is assured through specification compliance and data topology rules.</p> <p>Spatial Services is currently undertaking a cadastral supply chain digital transformation initiative thorough the Cadastre NSW Program.</p>

Future status	<p>Spatial Services continuously updates this theme with information sourced from relevant stakeholders and custodians. The majority of updates to the datasets in this theme originate from subdivision, registration and gazettal activity.</p> <p>Spatial Services works with Local and State Government to upgrade the accuracy of the DCDB.</p>
Standards	<p>Metadata for the relevant Spatial Services datasets complies with AS/NZS ISO 19115 ANZLIC Metadata Profile v1.1 and 19139.</p>
Version	<p>Version 0.7</p>