GOVERNMENT OF WESTERN AUSTRALIA

Landgate

Cadastral Polygon with Integrated Ownership & Property Street Address Data Dictionary

October 2019

Data Management Group
Version: v2.8

landgate.wa.gov.au

Table of Contents

1 Amendment Register

Version	Version Date	Amendment Description	Author
Edition 1.0 (Draft)	2 July 2015	First Draft	Allan Campbell
Edition 1.1 (Draft)	12 August 2016	General edits	Allan Campbell
Edition 1.2 (Draft)	18 August 2016	Added GPR codes	Allan Campbell
Edition 2.0	26 August 2016	Removed GPR codes, removed Draft water mark. Changed title to reflect PSA data.	Allan Campbell
Edition 2.1	18 November 2016	Added comments about polygon usage codes 20,21,22	Allan Campbell
Edition 2.2	14 March 2017	Minor edits	Allan Campbell
Edition 2.3	18 September 2017	Add section on PI Format Lease Types.	Allan Campbell
V2.4	October 2017	aligned with Tenure schema update (ESR)	Mat Moyle, Allan Campbell, Todd Harris, Kent Fisker
V2.5	December 2017	minor attribute changes	Mat Moyle
V2.6	June 2018	Added “parents of surveyed strata” as new feature class and shapefile	Rob Chester
V2.7	2 July 2018	Added notes about determination of land name.	Allan Campbell
V2.8	11 October 2019	Added note that tenure and owner information is now sourced from DSS views	Allan Campbell

2 Introduction

2.1 Purpose

The purpose of this document is to describe the attributes and domain ranges for a new Landgate product containing integrated cadastral polygon, ownership and property street address data.

2.2 Output format

Due to a 10-character field length limitation when producing ESRI shapefiles, field names are renamed when provided in such format. Note that the values contained within these fields are unchanged regardless of file format.

The extract is output as a set of ESRI shapefiles or an ESRI File Geodatabase containing cadastral polygon feature classes in combination with tenure data. NOTE: Ownership information is currently included and can be manually removed if not required. In the longer term, its inclusion may become a data extraction option.

To cater for different uses of Street Address information, the extraction process creates TWO (2) sets of shapefiles and geodatabase files. One set contains street address as a single concatenated field suited to labelling, while the other provides it in AS4590 compliant format to suit users with a requirement for data in that format.

Data is output as five (5) separate shapefiles or geodatabase feature classes to ensure the “flattening” (removal of duplicate PINs) of normal cadastral polygon data and to support the dissemination of interests, building strata and multi register lots.

Files created are:

- Cadastral Polygons
    - Data is flattened by only creating one feature (geometry) for each Landgate PIN and allowing up-to 4 PI Parcels (PITYPE) in support of multiple tenures.
- Interest Polygons
    - This data is not “flattened” to allow over lapping easements and other interests with the same spatial extent to be linked to a polygon. Easements and other interests are provided as a separate feature class or shapefile containing a polygon/geometry for each one captured into the SCDB. Note: Up until recently, Landgate did not capture the graphical extent of easements that cover the whole of a lot. In those instances, reference must be made to the relevant survey document or register. A program of work to capture these missing easements is being considered.
- Building Strata Lots
    - This data is not “flattened” to allow individual building strata lot details to be linked to the parent parcel of the building strata lot scheme – there is no graphic for individual building strata lots – this file contains a polygon/geometry for each building strata lot.
- Multi Register Lots
    - This data is not “flattened to allow individual registers to be linked to a parcel
    - i.e. – this file contains a polygon/geometry for each register.
- Parent Lots of Surveyed Strata
    - This file contains a polygon/geometry for each parent of surveyed strata. It is created as a separate file to prevent overlap with the individual surveyed strata lots in the Cadastral Polygons master file.

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2.3 Output format

The file naming convention used is:

Shape Files (concatenated address):

- polygons_building_stratas_yearmonthday
- polygons_interests_yearmonthday
- polygons_master_yearmonthday
- polygons_multi_regnos_yearmonthday
- polygons_surveyed_strata_parents_ yearmonthday

Shape Files (AS4590 address)

- polygons_building_stratas_AS4590_yearmonthday
- polygons_interests_AS4590_yearmonthday
- polygons_master_AS4590_yearmonthday
- polygons_multi_regnos_AS4590_yearmonthday
- polygons_surveyed_strata_parents_ AS4590_yearmonthday

Geodatabase (concatenated address)

- WA_Polygon_Ownership_yearmonthday

Geodatabase (AS4590 address)

- WA_Polygon_Ownership_AS4590_yearmonthday

Geodatabase feature class names

- polygons_building_stratas
- polygons_interests
- polygons_master
- polygons_multi_regnos
- polygons_surveyed_strata_parents

2.4 Description

The extract selects polygon data from Landgate's Spatial Cadastral Database SMP and SDE tables and combines the polygon shapes with Tenure/Owner data extracted from the Data Sourcing and Sharing (DSS) environment views, this data was originally sourced from SUR and SMR tables for WA and Christmas/Cocos Islands. The resulting features pass through several processes in FME to determine the relationships of the polygons with tenure and ownership data.

The extraction process creates a flattened data set for cadastral polygons with the use of up to four (4) PITYPE fields per record for "normal" cadastral lots. This creates a unique record per Landgate PIN and does away with the need to duplicate geometry for each PITYPE.

Separate shapefiles are created for Interests (e.g. Easements), Building Strata Lots and Multi Register Lots; however, these files are not flattened and will contain duplicated polygon geometries to support linking of easement types, building strata lots and registers to a graphical extent.

A separate shapefile is created for parents of surveyed stratas. This is to prevent overlap with the surveyed strata lots and to allow the user to easily exclude the parents if not required.

3 Field Names, Types and Descriptions

3.1 Cadastral Polygons

Abbreviated Field Name	Unabbreviated Field Name	Data Type	Description
fid	Feature Identifier	Object ID (Integer?)	Unique .SHP feature number (ESRI). Will be different for each extract.
shape	Shape	Geometry	Contains the spatial geometry for the polygon (ESRI).
pin	Polygon Number	Long ? (FME writer issue)	Is a Landgate SCDB system generated integer that uniquely identifies a polygon.
usagecodes	Usage Code	String	Is a code describing the purpose of the area shape e.g. signifying a Cadastral Lot. Where more than one (1) USAGECODE exists for an area, the values are ',' (comma) separated.
poly_area	Polygon Area	Double	Is the polygon area in hectares – not the calculated area.
centlat	Centroid Latitude	Double	Latitude coordinate in decimal degrees
centlong	Centroid Longitude	Double	Longitude coordinate in decimal degrees
straddress	Street Address	String (80)	Street address as a concatenated string – (House No/lot no, Road, Locality) NOTE: Data can also be provided with Address data restructured to meet the AS4590 standard. See description below – Section 3.5.
lotno	Lot Number	String (10)	Is the lot on survey plan/diagram number.
pitype_1	Parcel Identifier Type 1	String (17)	Is a character field that describes the Parcel Identifier (PI). PITYPE_1 is based on a deposited plan or diagram number and the lot number. Refer to decoding information
pitype_2	Parcel Identifier Type 2	String (17)	Is a character field that describes the Parcel Identifier (PI). PITYPE_2 is based on the original CROWN allotment PI. Most of these have been dual numbered now and also have a PITYPE_1 lot on plan identifier as well. Refer to decoding information
pitype_3_1	Parcel Identifier Type 3	String (17)	Is a character field that describes the Parcel Identifier (PI) for a specific form of tenure that may exist over a parcel e.g. Reserve – R 36370 or a Lease – LGE L509664 or UCL – V Crown Land. Refer to decoding information.
pitype_3_2	Parcel Identifier Type 3	String (54)	Is the same a PITYPE_3. It supports the existence of overlapping tenures e.g. - where a lease exists over a Reserve or two leases with compatible purposes co-exist. Refer to decoding information. May be more than 1, if so a';' separator is used.
ownership	Ownership	String (8)	A derived attribute that describes the form of tenure or ownership in which land is held. It is based on REGNO Prefix and REGNO. Can be **CROWN** or **FREEHOLD**. CROWN means the

Abbreviated Field Name	Unabbreviated Field Name	Data Type	Description
			REGNO is a crown land title with an LR pre-fix or there is no register. CROWN land is held in the name of the State of Western Australia. FREEHOLD means the land is held in a freehold certificate of title (CT) – generally without a REGNO prefix. Although some freehold REGNOs can have a prefix - See decoding information below for exceptions – generally land still held under the Deeds registration system. Note: FREEHOLD land can be owned by Commonwealth, State or Local Governments – this land is NOT crown land.
land_type	Land Type	String (5)	Is a high level LAND type classification. Refer to decoding information below.
land_name	Land Name	String (50)	Is a text string containing the LAND name in a readable format. NOTE: Where a polygon has multiple PITYPE values land_name will be based on the first occurring PITYPE value, in the order of PITYPE_1, PITYPE_2, PITYPE_3_1 and PITYPE_3_2. NOTE: Identification and Summation of "Land Areas" should consider the potential for a land to be identified across more than one PITYPE e.g State Forest and Reserves existing over multiple common polygons.
regno	Register Number	String (13)	Is the register associated with a cadastral polygon. See OWNERSHIP description and below for decoding information. If more than one register, then REGNO count – see multi reg lot .SHP for details. Parent lots of stratas will have the strata plan number preceded by 'SP' in this field. CTs for individual building strata lots require the additional Building Strata Lot .SHP file.
regno_f	Register Number Formatted	String (13)	Same as REGNO but formatted as volume and folio number e.g. - 1234/5678.
propr_name	Proprietor Name	String (254)	Is the name/s of the registered proprietor/s for a REGNO. Format is: (surname, given name/s). Multiple owner names are separated by a ";". If the maximum character limit for this field is 254. If exceeded, it is truncated and the notation "(*truncated*) added to end the record. In these cases, reference must be made to source documentation for the complete list of owner names. The field is left blank for building strata plans and reference must be made to the "building strata .SHP" file for strata lot and owner details.

Abbreviated Field Name	Unabbreviated Field Name	Data Type	Description
			If a parcel has multiple CT's the notation "See separate dataset (multiple CT's) is shown. Please refer to the separate Multi Register Lots .SHP for OWNER_NAME. Where the owner name/s are subject to Name Suppression, the following message will be displayed - 'Records found but details not available. Please contact NSO on 9273 5900' Previously 'OWNER_NAME'
owner_cnt	Owner Count	String (12)	Is a count of the total number of registered proprietors for a given register (REGNO). No count is provided for building strata and multiple CT lots – reference should be made to the Building Strata Lot and Multi Register Lots .SHP files if required.
exec_date	Execution Date	String (10)	Stamp duty date from OSR – normally before lodgement date, and after contract date. Format yyyy-mm-dd
dat_lodged	Date Lodged	String (10)	The date/time the document was lodged. Displayed on title as date for acquiring document. Format yyyy-mm-dd
doc_id	Document Identifier	String (10)	The alpha/numeric number of the last registered document affecting ownership. Refer to SALEDATE above for exceptions. Previously 'DOCNO'
doc_type	Document Type Code	String (2)	The document type code of the last document to change the proprietors on the title.
org_types	Organisation Types	String (7)	Specifies the type of government property owner: L = Local Government C = Commonwealth Government P = Private Person S = State Government Z = Commercial Organisation Where a property has multiple types of owners, the "unique" values are concatenated and comma separated. Previously 'GPRPFX'
org_codes	Organisation Codes	String (30)	A 3 character code assigned to all Government departments and instrumentalities. LGA codes from the A.B.S. are used for Local Governments. Multiple GPRSFX values are comma separated. Note: GPRPFX+GPRSFX=Responsible Agency Note: The full list of GPR codes has not been provided here due to the list size. Internal Landgate users can access the full list of codes from the internal website. External users can email registrationscadservdqqc@landgate.wa.gov.au for help. Previously 'GPRSFX'

Abbreviated Field Name	Unabbreviated Field Name	Data Type	Description
bldst_lots	Building Strata Lots	Long (5)	A count of the number of lots in a building strata scheme. Provided as an indicator for users who may not take the Building Strata Lots .SHP file.
three_dlot	Three Dimensional Indicator	String(1)	Is a 'Y','N' or null value that indicates whether or not the polygon defining the LAND may spatially overlap polygons defining other instances of LAND. It is used for parcels which are not considered to be at ground level, such as underground shopping arcades, tunnels and overpasses.
shape_length	Shape Length		File Geodatabase feature class only – not in shapefile
shape_area	Shape Area		File Geodatabase feature class only – not in shapefile

3.2 Interest Polygons

Abbreviated Field Name	Unabbreviated Field Name	Data Type	Description
fid	Feature Identifier	Object ID (Integer?)	Unique .SHP feature number (ESRI). Will be different for each extract.
shape	Shape	Geometry	Contains the spatial geometry for the polygon (ESRI).
pin	Polygon Number	Long ? (FME writer issue)	Is a Landgate SCDB system generated integer that uniquely identifies a polygon.
usagecodes	Usage Code	String	Is a code describing the purpose of the area shape e.g. signifying a Cadastral Lot. Where more than one (1) USAGECODE exists for an area, the values are ‘,’ (comma) separated. A full list of usage codes is given in the Geospatial Data Dictionary document.
centlat	Centroid Latitude	Double	Latitude coordinate in decimal degrees
centlong	Centroid Longitude	Double	Longitude coordinate in decimal degrees
poly_area	Polygon Area	Double	Is the polygon area in hectares – not the calculated area.
land_type	Land Type	String (5)	Is a high level LAND type classification. Refer to decoding information below.

Abbreviated Field Name	Unabbreviated Field Name	Data Type	Description
land_name	Land Name	String (50)	Is a text string containing the LAND name in a readable format.
three_dlot	Three Dimensional Indicator	String(1)	Is a 'Y','N' or null value that indicates whether or not the polygon defining the LAND may spatially overlap polygons defining other instances of LAND. It is used for parcels which are not considered to be at ground level, such as underground shopping arcades, tunnels and overpasses.
shape_length	Shape Length		File Geodatabase feature class only – not in shapefile
shape_area	Shape Area		File Geodatabase feature class only – not in shapefile

3.3 Building Strata Lots

Same fields names, types and descriptions as Cadastral Polygons above, but there will be a separate feature to support the spatial extent of each "PIN/LOTNO/PITYPE_1 or PITYPE_2" combination (see Figure 1 below). Where multiple registers exist for a Building Strata lot, a count is supplied in the REGNO field (see Figure 2 below) and reference must be made to the Multi Register Polygon .SHP or geodatabase feature class for register and owner names.

polygons_building_stratas_20160303

FID	Shape *	PIN	USAGECODES	POLY_AREA	CENTLAT	CENTLONG	STRADDRESS	LOTNO	PITYPE_1	PITYPE_2
15457	Polygon	68204	19	0.094595	-31.889134	115.857757	241 MORLEY DR, DIANELLA	1	S006203	
15458	Polygon	123757	19	0.1229	-31.902084	115.882273	176C BIRKETT ST, DIANELLA	3	S041201	
15459	Polygon	123757	19	0.1229	-31.902084	115.882273	176A BIRKETT ST, DIANELLA	1	S041201	
15460	Polygon	123757	19	0.1229	-31.902084	115.882273	176B BIRKETT ST, DIANELLA	2	S041201	
15461	Polygon	369093	19	0.2405	-32.276961	115.728374	8/107 HARRISON ST, ROCKINGHAM	8	S008578	
15462	Polygon	369093	19	0.2405	-32.276961	115.728374	2/107 HARRISON ST, ROCKINGHAM	2	S008578	
15463	Polygon	369093	19	0.2405	-32.276961	115.728374	5/107 HARRISON ST, ROCKINGHAM	5	S008578	

Figure 1

STRADDRESS	LOTNO	PITYPE_1	PITYPE_2	OWNERSHIP	LAND_TYPE	LAND_NAME	REGNO	OWNER_NAME
8/156 GREY ST, KALBARRI	8	S011881		FREEHOLD	STPLN	8	(39 CTs)	See separate dataset (multiple CT's)
103/23 CLOTWORTHY ST, KALBARRI	29	S012549		FREEHOLD	STPLN	29	(43 CTs)	See separate dataset (multiple CT's)
104/23 CLOTWORTHY ST, KALBARRI	30	S012549		FREEHOLD	STPLN	30	(45 CTs)	See separate dataset (multiple CT's)
99/23 CLOTWORTHY ST, KALBARRI	25	S012549		FREEHOLD	STPLN	25	(49 CTs)	See separate dataset (multiple CT's)
33/553 BUSSELL HWY, BROADWATER	33	S037864		FREEHOLD	STPLN	33 (VEST)	LR0301500448	STATE OF WA

Figure 2

3.4 Multi Register Polygons

Same fields names, types and descriptions as Cadastral Polygons above, but there will be a separate feature to support the spatial extent of each "PIN/lot/register" combination – see Figure 3 below.

polygons_multi_regnos_20160303

FID	Shape *	PIN	USAGECODES	POLY_AREA	CENTLAT	CENTLONG	STRADDRESS	LOTNO	PITYPE_1	PITYPE_2	OWNERSHIP	LAND_TYPE	LAND_NAME	REGNO	OWNER_NAME	OWNER_CNT
16	Polygon	993688	2	19.108967	-28.502404	114.755078		337	P231502 337	VICTOL 00337	FREEHOLD	CROWN	337	0223000161	SMITH, RHONDA FAYE;TURNER, ALAN MURR	2
17	Polygon	1177450	1	7.1988	-33.835502	121.974386	Lot 3 WYLIE BAY RD, BANDY CREEK	3	P061342 3		FREEHOLD	FHOLD	3	0272000131	LALOR HOLDINGS PTY LTD	1
18	Polygon	1177450	1	7.1988	-33.835502	121.974386	Lot 3 WYLIE BAY RD, BANDY CREEK	3	P061342 3		FREEHOLD	FHOLD	3	0272000135	CASTLE MEY PTY LTD	1
19	Polygon	1177450	1	7.1988	-33.835502	121.974386	Lot 3 WYLIE BAY RD, BANDY CREEK	3	P061342 3		FREEHOLD	FHOLD	3	0272000133	LALOR HOLDINGS PTY LTD	1
20	Polygon	1177450	1	7.1988	-33.835502	121.974386	Lot 3 WYLIE BAY RD, BANDY CREEK	3	P061342 3		FREEHOLD	FHOLD	3	0272000132	LALOR HOLDINGS PTY LTD	1
21	Polygon	1177450	1	7.1988	-33.835502	121.974386	Lot 3 WYLIE BAY RD, BANDY CREEK	3	P061342 3		FREEHOLD	FHOLD	3	0272000134	LALOR HOLDINGS PTY LTD	1
22	Polygon	1177450	1	7.1988	-33.835502	121.974386	Lot 3 WYLIE BAY RD, BANDY CREEK	3	P061342 3		FREEHOLD	FHOLD	3	0272000136	LALOR HOLDINGS PTY LTD	1
23	Polygon	1177450	1	7.1988	-33.835502	121.974386	Lot 3 WYLIE BAY RD, BANDY CREEK	3	P061342 3		FREEHOLD	FHOLD	3	0272000130	BRUNNER, JOHN HENRY KILIAN;LALOR HOLD	3
24	Polygon	707728	2	9.825336	-24.847708	113.67053	1059 NORTH RIVER RD, NORTH PLAN	204	P206016 204	GASCOL 00204	FREEHOLD	CROWN	204	0027200106A	SKENDER, LUKA	1

Figure 3

3.5 Parents of Surveyed Strata Polygons

Same fields names, types and descriptions as Cadastral Polygons above. There will be no owner information as the lot is retired.

3.6 AS4590 Address Format

Abbreviated Field Name	Unabbreviated Field Name	Data Type	Description
addr_id_no	Address Identification Number	Number(10)	Is a system generated 10 digit integer that uniquely identifies an address record.
addr_cat	Address Category	Text(1)	Is a single character which indicates if this is the main street address linked to a parcel or if it is a further address recorded for purposes of identifying an alternative access point.
unit_type	Unit Type Code	Text(4)	Within a complex, an abbreviation used to distinguish the type of address found within a building or sub-complex. (AS4590-2006)
unit_no	Unit Number	Text(7)	Within a complex, a number used to distinguish an address found within a building/sub-complex. There may be a leading alphabetic prefix and/or a trailing alphabetic suffix. (AS4590-2006).
level_type	Level Type Code	Text(4)	Within a complex, an abbreviation used to distinguish the floor or level of a multi-storey building/sub-complex. (AS4590-2006). *Note that there is an inconsistency in the AS4590-2007 standards documentation which specified a maximum of two characters for level type code, but includes values of more than two characters in the domain. See section 5.5.2.1 and Appendix C of the Standards document.

Abbreviated Field Name	Unabbreviated Field Name	Data Type	Description
			One of the level type codes listed in the standards and which exceeds two characters is 'PTHS'.
level_no	Level Number	Text(5)	Within a complex, a number used to distinguish a floor or level of a multi-storey building or sub-complex. There may be a leading alphabetic prefix and/or a trailing alphabetic suffix. (AS4590-2006).
adsitename	Address Site Name	Text(50)	The official place name or culturally accepted common usage name for an address site, including the name of a building, homestead, building complex, agricultural property, park or unbounded address site. (AS4590-2006).
buildgname	Secondary Complex Name	Text(50)	Name associated with a building or area within a complex site. (AS4590-2006).
lotnoaddr	Adr Lot Number	Text(6)	The reference number allocated to a property for subdivision administration purposes prior to road numbering. There may be a leading alphabetic prefix and/or a trailing alphabetic suffix. The field is null when a house number has been assigned to the parcel. (AS4590-2006). This is the value as stored in the Landgate ADR dataset as distinct from the lot number obtained from the surveyed land data.
houseno_1	House_Number_1	Text(6)	Identifies the number of the address in the road or thoroughfare and for a ranged address is the start number. There may be a leading alphabetic prefix and/or a trailing alphabetic suffix. (AS4590-2006). Australian Addressing standards also allow for

Abbreviated Field Name	Unabbreviated Field Name	Data Type	Description
			an 'L' to be appended to a number to indicate that the lot is land locked and does not have a street frontage.
houseno_2	House_Number_2	Text(6)	Identifies the last number for a ranged address in the road or thoroughfare. There may be a leading alphabetic prefix and/or a trailing alphabetic suffix. The field is blank for non-ranged addresses. (AS4590-2006).
road_name	Road Name	Text(45)	Is the road name part of the address. (AS4590-2006).
road_type	Road Type	Text(4)	Is the road type part of the address in the standard abbreviated form (e.g. ‘RD’, ‘PWAY’). (AS4590-2006).
road_suff	Road Suffix	Text(2)	Is the road suffix part of the address in standard abbreviated form (e.g. ‘N’,’W’). (AS4590-2006).
locality	Locality Name	Text(40)	Is the name of the locality of the address. (AS4590-2006).
postcode	Postcode	Number(4)	The Australian numeric descriptor for a postal delivery area, aligned with locality, suburb or place. (AS4590-2006).
priv_rd_na	Private Road Name	Text(45)	Within a complex, the name of the road or thoroughfare of the address. Equivalent to “Complex road name” in AS4590-2006.
priv_rd_tp	Private Road Type	Text(4)	The road type part of the private road. Equivalent to “complex road type code” in AS4590-2006.

4 Decoding & Domains

4.1 Land_Type

LAND refers to an area of land that the State has an interest in administering. As well as lots created on freehold or crown survey plans, it also covers other land of interest such as reserves, leases, road polygons, unallocated crown land and stock routes. Land areas may consist of more than one polygon and may be over lapping – e.g. a parcel of land that is a crown lot covered by a timber reserve as well as State Forest.

Value	Value Description
ADMIN	Administrative Boundary
CROWN	Crown Allotment **(Not to be used to determine type of tenure – Refer to new Ownership attribute)** Crown lots are no longer created under the Single Registration system**.**
EASMT	Easement (Includes other Interests Over Land (IOL) e.g. – Profit A Prendre)
FHOLD	Freehold Lot **(Not to be used to determine type of tenure – Refer to new to Ownership attribute)**
LEASE	Crown Lease
OTHER	Surveyed land other than lots or reserves (i.e. PAW, ROW and Marine parks)
RESVE	Reserve
ROAD	Dedicated and undedicated, widenings, casement and closed roads
SSPLN	Survey Strata Lot
STPLN	Strata Plan (Building or Vacant) Lot
SVEXT	Survey Extent

4.2 PiParcel and PiType

<table>
<tr><th>PITYPE</th><th>PIPARCEL decoding</th></tr>
<tr><td>1</td><td>Character 1 : Survey Type ('P' or 'D' for Plan or Diagram or 'S' for Strata Plan).
Characters 2 - 7 : Survey or Strata number
Characters 8 - 9 : Survey Section or Suffix
Characters 10 - 15 : Lot Number
Characters 16 - 17 : unused, blank</td></tr>
<tr><td>2</td><td>Characters 1 - 5 : Crown Allotment Code
Characters 6 : Crown Allotment Type
Characters 7 - 8 : Crown Allotment ID Prefix
Characters 9 - 13 : Crown Allotment Number
Characters 14 : Crown Allotment Fraction
Characters 15 : Crown Allotment Suffix
Characters 16 - 17 : unused, blank</td></tr>
<tr><td>3</td><td>Characters 1 : Misc. Type (see below)
Characters 2 - 7 : Field 1 (see below)
Characters 8 - 13 : Field 2 (see below)
Characters 14 - 17 : unused, blank

<table>
<tr><th>Misc. Type</th><th>Field 1</th><th>Field 2</th></tr>
<tr><td>'R' = Crown Reserve</td><td>Reserve number</td><td>unused</td></tr>
<tr><td>'L' = Leasehold</td><td>First number</td><td>Second number</td></tr>
<tr><td>'F' = State Forest</td><td>State forest number</td><td>unused</td></tr>
<tr><td>'C' = Closed Road</td><td>'CLOSED'</td><td>'ROAD'</td></tr>
<tr><td>'V' = Vacant Crown Land</td><td>'CROWN'</td><td>'LAND'</td></tr>
<tr><td>'D' = Drain Reserve</td><td>'DRAIN'</td><td>'RES'</td></tr>
<tr><td>'O' = Timber Reserve</td><td>Timber reserve number</td><td>(unused)</td></tr>
<tr><td>'A' = Railway</td><td>'RAIL'</td><td>'WAY'</td></tr>
<tr><td>'W' = Water Feature</td><td>'WATER'</td><td>(unused)</td></tr>
<tr><td>'T' = Tramway</td><td>'TRAM'</td><td>'WAY'</td></tr>
<tr><td>'P' = Road</td><td>'ROAD'</td><td>(unused)</td></tr>
<tr><td>'M' = Marine Park</td><td>Marine park number</td><td>(unused)</td></tr>
<tr><td>'X' = Unknown</td><td>'OTHER'</td><td>(unused)</td></tr>
</table>
</td></tr>
</table>

4.3 Pi Format Lease Types

There are two types of lease codes being stored within Landgate's system. Those that are allocated prior to 30th March1998 follow a different format to those that have been allocated after this date.

Before March 1998	
37	Leased to Commonwealth
32	Leased to Government Agencies, Local Government etc
332	Special Leases over Reserves
333A	Miscellaneous Leases such as: • Exchange of Land • Crown Grants in trust
338	Sold under Licence by Auction
341	Sold under Licence over the Counter
345	Leased/Sold to Homes west under licence
345A	Sold under Licence
345B	Sold under Licence
347,353 and 386	Conditional Purchase Leases (Agricultural)
3116 and 3117	Special Leases
3117AA	Conversion to freehold
398 and 3114	Pastoral Lease
EG: Pastoral Lease – L 3114 1093	

After March 1998	
RL	Reserve Lease
RO	Road Lease
GE	General Lease
PU	Purchase Lease
AB	Aboriginal Lease
SU	Subdivisional Lease
GO	Government Agency Lease
PL	Pastoral Lease
AC	Acquisition Lease
PP	Profit 'A' Prendre
OP	Option to Purchase Granted
LI	Licences
OL	Option to Lease Granted
EG: Pastoral Lease – LPL N050424	

4.4 Regno

REGNO decoding
Format : XX9999999999X Is a concatenation of: Prefix - XX Volume - 99999 Folio - 99999 Suffix - X **Prefix Values** EC - enrolment country ET - enrolment town MB - memorial book LR - Crown land record No prefix - certificate of title or crown grant SP - strata plan (survey) **Suffix Values** O - land section number is over lease number U - land section number is under lease number A - register number has an "A" flag space - none of the above

4.5 Usage_Code – Cadastral Polygon

Usage code	Description
1	Transfer of Land Act (Type 1)
2	Land Act (Type 2)
3	Reserve (Type 3 - R)
4	Lease (Type 3 - L)
5	State Forest (Type 3 - F)
6	Unallocated Crown Land (Type 3 - V)
7	Closed Road (Type 3 - C)
8	Drain Reserve (Type 3 - D)
9	Timber Reserve (Type 3 - O)
10	Railway (Type 3 - A)
11	Water Feature (Type 3 - W)
12	Tramway (Type 3 – T)
13	Road Isolation (Type 3 – P)
14	Marine Reserve (Type 3 – M)
15	Stock Route (Type 3 – S)
16	Surveyed Strata
17	Crown Grant in Trust
19	Building Strata
20	No Parcel Identifier – Code not used.

21	Easement Polygons – Code not used.
22	Parent of Survey Strata – Not available in this format. Refer to SP.
23	Carbon Right
24	Tree Plantation
25	Carbon Covenant - Burden
26	Carbon Covenant - Benefit
27	Contaminated Site
28	Caveat
29	Easement – doc
30	Easement – LAA 144
31	Easement in Gross – LAA 195
32	Easement Public Access LAA 195/196
33	Easement – STA 5D
34	Easement – TLA 136C
35	Easement – TLA 167A
36	Easement – TP&D 167 Reg5
37	Easement – TP&D 167 Reg 6
38	Easement – TP&D 167 Reg 7
39	Easement – TP&D 167 Reg 8
40	Easement – TP&D 167 Reg 9
400	Freehold Lease
401	Memorial
402	Notification
403	Profit a prendre
404	Restrictive Covenant – Benefit
405	Restrictive Covenant – Burden
406	Covenant – LAA 15
407	Easement – P&D 167 Reg 5
408	Easement – P&D 167 Reg 6
409	Easement – P&D 167 Reg 7
410	Easement – P&D 167 Reg 8
411	Easement – P&D 167 Reg 9
412	Easement – P&D 167 Reg 33(a)
413	Easement – P&D 167 Reg 33(b)
414	Easement – P&D 167 Reg 33(c)
415	Easement – P&D 167 Reg 33(d)
416	Easement – P&D 167 Reg 33(e)

4.6 Doc_Type

Doc type	Description
PR	Profit a Prendre
WN	WITHDRAWAL OF NOTIFICATION
XF	Sundry for Creation of New Titles the Subject of a Survey.
RV	Revestment
TF	Transfer to Freehold
AQ	Acquisition Order
RM	Removal of Memorial
CZ	Carbon Covenant
CN	Carbon Right
PI	Tree Plantation Agreement
TB	Transfer of either Carbon Right or Plantation Interest
V	Variation of Carbon Covenant or Tree Plantation Agreement.
TE	Transfer of Carbon Right and Carbon Covenant concurrently
NO	Notification
RS	Reserves
SS	Strata Management Statement
TJ	Unilateral Severance of Tenancy
TR	Surrender of an Easement
TX	Transfer of Profit A Prendre
WM	Withdrawal of Memorial
ZA	Strata Notice - Merger resolution building/land
PO	Property (Seizure and Sale) Order
DO	Discharge of Property Order
CH	Charge
AN	Application to Change Name
AL	Application for Lost Duplicate Title (Section 75)
E	Easement
EL	Extension of Lease
EM	Extension of Mortgage, Charge, Carbon Covenant/Right/P Int
WC	Withdrawal of Caveat
C	Caveat
BM	Memorandum of Common Provisions
CX	Change of Name of a Caveator
DC	Discharge of Charge
XA	SUNDRY: INTERNAL DOCUMENT
XE	SUNDRY: INTERNAL DOCUMENT
XP	Sundry: Registrars Packet Created
DL	Surrender of Lease, Easement, Carbon Cov/Right/P Int
DM	Discharge of Mortgage
FM	Foreclosure Application
KR	Application to Remove a Restriction on Crown Land
L	Lease
M	Mortgage
MA	Miscellaneous Crown Land Application

MC	Mortgage over a Charge
ML	Mortgage over a Lease
ND	Application by Survivor
A	Application Affecting Ownership
R	Request
AE	Application Affecting Encumbrance
RD	Restrictive Covenant in Deed
AW	Application to Withdraw a Caveat
BX	Bankruptcy Charge
RX	Caveat by Registrar
SL	Sub Lease
T	Transfer of Land
TA	Transmission Application
TC	Transfer of Charge
TL	Transfer of Lease
TM	Transfer of Mortgage, Carbon Covenant/Right/Plantation Int
TP	Power of Sale
TS	Transfer Section 713 LGA
TW	Transfer by Sheriff of the Court
VL	Variation of Lease
W	Warrant
YA	Possessory Application
YX	Caveat - Possessory Application
AF	App for New Title Subject of a Svy, Strata or Svy Strata
CP	Covenant Plan
DT	Deed of Trust
EP	Easement Plan
F	Writ of Fieri Facias
LC	Lease Of Crown Land
MZ	Memorial
NA	Notification of Change of Address
NR	Notification under Section 70A
P	Power of Attorney
RP	Revocation of Power of Attorney
RO	SAT ORDER
SC	Search Certificate
ST	Stay Order
VO	Vesting Order
ZB	Strata Notice - Resolution, Conversion to Survey Strata Plan
ZC	Strata Notice - Objection to merger/fencing
ZD	Strata Notice - Termination of Insurance Order
RG	Responsible Agency Change
NS	Application for Name Suppression
WS	Withdrawal of Name Suppression
XS	Sundry for Name Suppression