LINZ Data Service: Simplified property boundary and ownership tables

Data Dictionary

December 2022

Version 1.8

VERSIONING

Version number	Amendments	Date
1.0	First draft	September 2013
1.1	Minor corrections	July 2015
1.2	Links to datasets and licensing information added	May 2016
1.3	Schema changes to NZ Survey Plans, updated data diagram & other minor changes	August 2016
1.4	Updates to LINZ Licence For Personal Data references	September 2016
1.5	Updates for new version (2.1) of LINZ License for Personal Data and dataset ID changes	November 2017
1.6	Terminology changes for the Land Transfer Act 2017	November 2018
1.7	Minor schema changes	January 2022
1.8	Reformatting and URL correction	December 2022

Contents

1.   INTRODUCTION

1.1   Purpose

This document provides detailed metadata for the simplified property and ownership tabular data available on the LINZ Data Service.

1.2   Background

The LDS provides two sets of [simplified data](#) that originates from the Landonline database, simplified spatial datasets and simplified tables.

Simplified spatial layers

The simplified layers combine the most commonly used spatial and tabular information. While this provides easy access and reuse, the process of combining datasets necessarily leaves out data. The simplified geospatial datasets are:

- [NZ Property Titles](#)

- [NZ Property Title Owners](#)

- [NZ Property Titles Including Owners](#)

Simplified tables

If you require additional data than provided in the simplified layers above, you may need to access the simplified tabular data. These tables have been created to enable the relationships to be better modelled rather than relying entirely on aggregation, or duplication as is the case for the spatial layers.

If you require more complex, property and titles data, please see the [Full Landonline Dataset](#) on the LINZ Data Service.

1.3   Data Access

Simplified datasets that contain personal information are subject to the [LINZ License for Personal Data](#) to protect the privacy of individuals. You must read and accept the [terms and conditions of the licence](#) and request access to the [Owner Data – Controlled Access Group](#) before you can use this data.

1.4   Data Model

The simplified tabular data model below provides data for titles, owners, parcels and statutory actions. It shows the relationships between them and the directly related spatial tables; NZ Parcels and NZ Survey Plans. The descriptions of the spatial layers are provided in this document for understanding the relationships with the property and ownership tabular datasets.
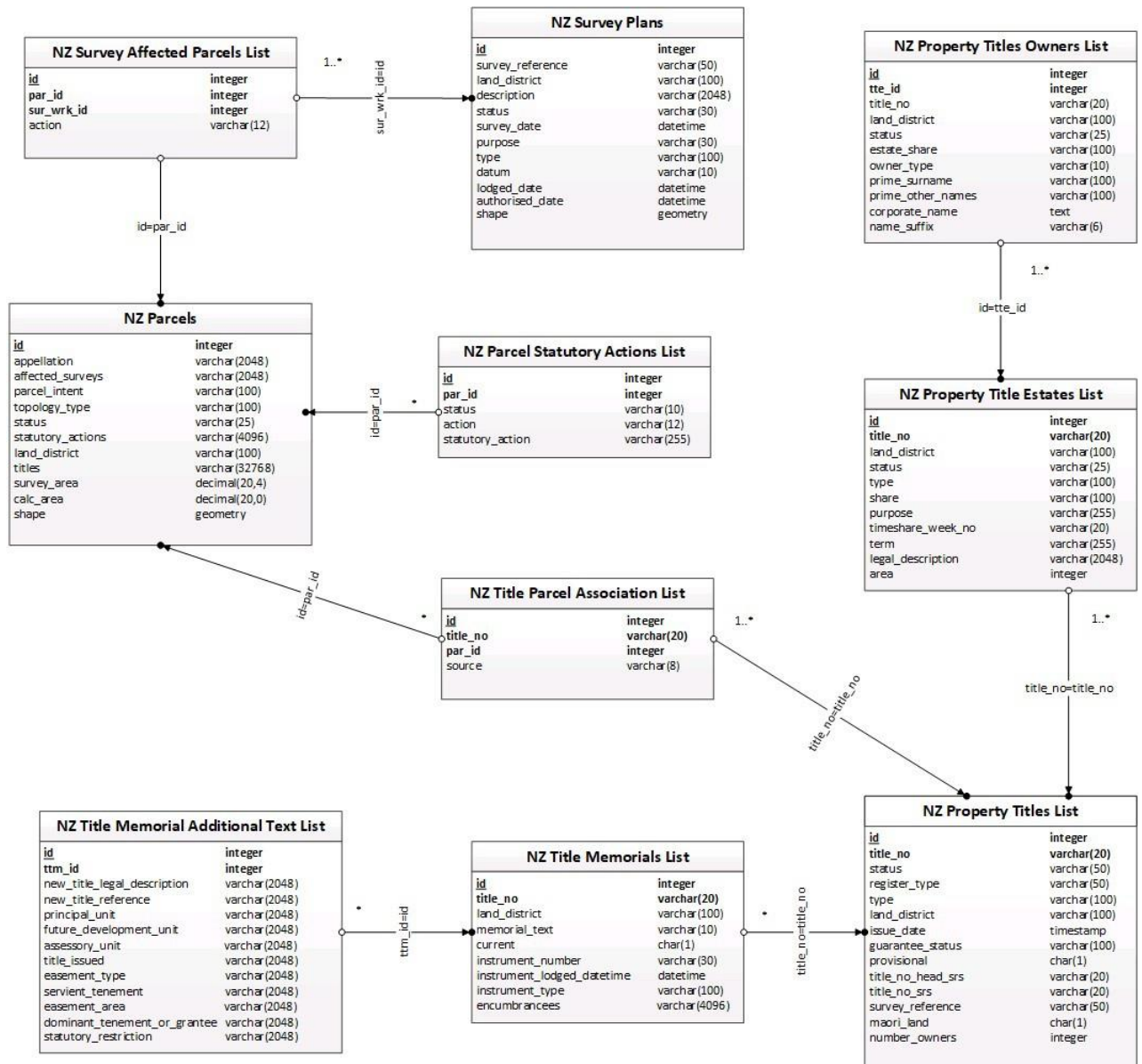
NZ Survey Affected Parcels List

id	integer
par_id	integer
sur_wrk_id	integer
action	varchar(12)

1..*   sur_wrk_id=id

NZ Survey Plans

id	integer
survey_reference	varchar(50)
land_district	varchar(100)
description	varchar(2048)
status	varchar(30)
survey_date	datetime
purpose	varchar(30)
type	varchar(100)
datum	varchar(10)
lodged_date	datetime
authorised_date	datetime
shape	geometry

NZ Property Titles Owners List

id	integer
tte_id	integer
title_no	varchar(20)
land_district	varchar(100)
status	varchar(25)
estate_share	varchar(100)
owner_type	varchar(10)
prime_surname	varchar(100)
prime_other_names	varchar(100)
corporate_name	text
name_suffix	varchar(6)

1..*   id=tte_id

id=par_id

NZ Parcels

id	integer
appellation	varchar(2048)
affected_surveys	varchar(2048)
parcel_intent	varchar(100)
topology_type	varchar(100)
status	varchar(25)
statutory_actions	varchar(4096)
land_district	varchar(100)
titles	varchar(32768)
survey_area	decimal(20,4)
calc_area	decimal(20,0)
shape	geometry

id=par_id   *

NZ Parcel Statutory Actions List

id	integer
par_id	integer
status	varchar(10)
action	varchar(12)
statutory_action	varchar(255)

NZ Property Title Estates List

id	integer
title_no	varchar(20)
land_district	varchar(100)
status	varchar(25)
type	varchar(100)
share	varchar(100)
purpose	varchar(255)
timeshare_week_no	varchar(20)
term	varchar(255)
legal_description	varchar(2048)
area	integer

id=par_id

NZ Title Parcel Association List

id	integer
title_no	varchar(20)
par_id	integer
source	varchar(8)

*   1..*   1..*

title_no=title_no   title_no=title_no

NZ Title Memorial Additional Text List

id	integer
ttm_id	integer
new_title_legal_description	varchar(2048)
new_title_reference	varchar(2048)
principal_unit	varchar(2048)
future_development_unit	varchar(2048)
assessory_unit	varchar(2048)
title_issued	varchar(2048)
easement_type	varchar(2048)
servient_tenement	varchar(2048)
easement_area	varchar(2048)
dominant_tenement_or_grantee	varchar(2048)
statutory_restriction	varchar(2048)

*   ttm_id=id

NZ Title Memorials List

id	integer
title_no	varchar(20)
land_district	varchar(100)
memorial_text	varchar(10)
current	char(1)
instrument_number	varchar(30)
instrument_lodged_datetime	datetime
instrument_type	varchar(100)
encumbrancees	varchar(4096)

*   title_no=title_no

NZ Property Titles List

id	integer
title_no	varchar(20)
status	varchar(50)
register_type	varchar(50)
type	varchar(100)
land_district	varchar(100)
issue_date	timestamp
guarantee_status	varchar(100)
provisional	char(1)
title_no_head_srs	varchar(20)
title_no_srs	varchar(20)
survey_reference	varchar(50)
maori_land	char(1)
number_owners	integer

Figure 1: Table Relationship diagram for LDS Property and Ownership simplified tables

Note: The relational diagram only shows the NZ Parcels layer. However, the Linear Parcels, Primary Road Parcels, Primary Land Parcels, Primary Hydro Parcels, Non-Primary Parcels, Strata Parcels, Non-Primary Linear Parcels and Parcels Pending Approval (for Councils only) have exactly the same relationships as NZ Parcels.

2.   NZ PARCELS

https://data.linz.govt.nz/layer/51571-nz-parcels/

This layer provides all cadastral parcel polygons/lines and some associated descriptive data that details the appellation (legal description), purpose, size and a list of titles that have an interest in the parcel. NZ Linear Parcels has the same schema (https://data.linz.govt.nz/layer/51570-nz-linear-parcels/).

In conjunction with the Linear Parcels this layer provides the easiest way to create a relationship with associated tables such as NZ Parcel Title Association, NZ Statutory Actions and NZ Survey Affected Parcels.

This layer contains spatial and non-spatial (without geometry) parcels. The Landonline system which manages the data maintains non-spatial parcels for many different reasons. The non-spatial parcels can only be accessed via WFS or as a full layer file download. No layer clips can be used. The most common reasons for non-spatial parcels are:

1. Flats and unit survey plans will create non-spatial parcels for referencing property rights. This is because the Landonline system has not yet been designed to support the spatial definition of these plans.

2. Titles which were not linked to a spatial parcel during the Landonline title conversion project created non-spatial parcel references. As titles are spatially linked many of these non-spatial parcels will be made historic or will be merged with the associated spatial parcel.

Column Name	Type	Description
id	**integer**	The unique identifier for the parcel (Primary Key).
appellation	varchar(2048)	Appellations are the textual descriptions that describe a parcel. Every parcel must have at least one appellation. Where there are both Survey and Title appellations, only the Survey one listed first.
affected_surveys	varchar(2048)	A comma separated list of surveys plans that affect this parcel.

Column Name	Type	Description
parcel_intent	varchar(100)	A description of a right of interest intended to be assigned to a parcel. e.g. Fee Simple Title, Road, Hydro, Maori, Railway.
topology_type	varchar(100)	Topology class of the parcel.
status	varchar(25)	The status of the parcel. A parcel can one of the following statuses: Approved, Current, Historic, Survey Historic
statutory_actions	varchar(4096)	A windows newline separated list of statutory actions associated to the parcel. Refer to the NZ Parcel Statutory Actions table for non-aggregated data.
land_district	varchar(100)	The name of the land district the title is in. e.g. "North Auckland", "Southland" See http://data.linz.govt.nz/layer/50785-nz-land-districts/ for more details A Land District is an administrative area that all titles and surveys were registered against prior to Landonline.
titles	varchar(32768)	A comma separated list of Titles numbers associated to the parcel. This is provided for convenience. If more detailed Titles data is required reference to the NZ Property Titles, NZ Property Title Estates and NZ Title Owners tables.
survey_area	decimal(20,4)	The total area of combined sub parcels if recorded, otherwise the area provided by a surveyor on a new survey lodged to support a title or amend a title.
calc_area	decimal(20,0)	An area calculated on a Transverse Mercator projection of the parcel geometric object. For parcels on the NZ mainland, the NZTM projection is used, for parcels on the Chatham Islands the CITM2000 projection is used. It is not an official area and has been produced for the convenience of users.
shape	geometry	Spatial definition of parcel. Multi-polygon or Multi-linestring geometric object

2.1 Relationships

Parent table	Child table	Relating Parent Attribute	Relating Child Attribute	Cardinality
NZ Parcels	NZ Parcel Statutory Actions List	id	par_id	Zero or more
NZ Parcels	NZ Survey Affected Parcels List	id	par_id	Zero or more
NZ Parcels	NZ Title Parcel Association List	id	par_id	Zero or more

3. NZ PROPERTY TITLES LIST

https://data.linz.govt.nz/table/51567-nz-property-titles-list/

This table provides information on Records of Title that are live and part-cancelled. This table contains top level, general title data only, such as the title number, type (e.g. Freehold, Unit Title, Cross Lease etc) and status.

A Record of Title is a record of a property's owners, legal description and the rights and responsibilities registered against the title – known as estates, encumbrances and easements.

These are still recorded in this dataset in their legacy (pre-Land Transfer Act 2017) format as Computer Registers incorporating Computer Freehold Registers, Composite Computer Registers, Computer Unit Title Registers and Computer Interest Registers.

Column Name	Type	Description
id	**integer**	The unique identifier for the title (Primary Key).
title_no	**varchar(20)**	The title number that uniquely identifies each title. Pre Landonline title numbers will usually be in the form of "nnnx/nn" (Eg, "203B/12" or "1A/1"). They will be converted with the land district prefix at the beginning to make them unique egg "OT1A/1". New title numbers created in Landonline will be numbers only.
status	varchar(50)	The status of the title. Live or Part-Cancelled
register_type	varchar(50)	Indicates the register the title is contained in under the legacy Land Transfer Act 1952 (e.g. the Computer Freehold Register, Computer Interest Register).
type	varchar(100)	Indicates the type of title. Examples of title type include Freehold, Leasehold, Unit Title, and Supplementary Record Sheet.
land_district	varchar(100)	The name of the land district the title is in. e.g. "North Auckland", "Southland" See http://data.linz.govt.nz/layer/50785-nz-land-districts/ for more details A Land District is an administrative area that all titles and surveys were registered against prior to Landonline.
issue_date	datetime	The date on which the title was issued.
guarantee_status	varchar(100)	The status of the State guarantees relating to a title. A title may be fully guaranteed or "Limited as to parcels" which means that a fully guaranteed title will not be issued for the land until a survey plan of the land has been deposited.

Column Name	Type	Description
provisional	char(1)	A flag indicating if the title is qualified (previously termed provisional). A qualified title is a type of record of title (computer interest register) that is used to record transactions against land where the requirements to have a normal record of title (computer freehold register) issued have not been met. e.g. For Maori land, to deal with delays in the registration of dealings between the date of the order of the Maori Land Court declaring the land to be held in freehold tenure and the issue of the Crown grant.
title_no_srs	varchar(20)	Unit titles are linked to a single Supplementary Record Sheet title. This contains the SRS title number if the current title is a unit title.
title_no_head_srs	varchar(20)	Titles of type Supplementary Record Sheet, where it is a subsidiary unit title development (subdivision of a principal unit),
survey_reference	varchar(50)	Titles of type Supplementary Record Sheet display a survey plan number for the title to support the Unit development subdivision plan.
maori_land	char(1)	'Y' or null. Identifies titles which may potentially be Maori Land. It is known to contain omissions and errors and is indicative only.
number_owners	integer	Total number of current registered owners for the title.

3.1 Relationships

Parent table	Child table	Relating Parent Attribute	Relating Child Attribute	Cardinality
NZ Property Titles List	NZ Title Parcel Association List	title_no	title_no	Zero or more
NZ Property Titles List	NZ Property Title Estates List	title_no	title_no	One or more

4.   NZ TITLE MEMORIALS LIST (INCLUDING MORTGAGES, LEASES, EASEMENTS)

https://data.linz.govt.nz/table/51695-nz-title-memorials-list-including-mortgages-leases-easements/

A title memorial is information recorded on a property title relating to a transaction, interest or restriction over a piece of land. Memorials can include details of mortgages, discharge of mortgages, transfer of ownership, and leases; all of which affect the land in some way.

Title memorials result from the official processing and recording of legal documents (instruments) that deal with land. There are over three million titles and most titles will have more than one memorial. Most memorials have a date and time which relate to when the transaction (dealing) was lodged for registration.

This dataset is an aggregation and simplification of title memorial data and only provides the high-level memorial text that is shown on the record of title. The full legal documentation related to the memorial is held in Landonline, our official survey and title application, and is only accessible to customers that have a Landonline login. An introduction to Landonline can be found here: https://www.linz.govt.nz/products-services/landonline).

A memorial only remains current while the interest/restriction affecting the title remains valid. For example when a discharge of mortgage is registered, the current mortgage memorial is removed from the current view of the title but is kept in the system as an historic record. As such it is important to be aware of the "current" field when using this data.

This dataset does not include memorials that have been submitted for processing (lodged) and are yet to be registered.

A small number of memorials records recorded on a title have additional text which is not included in this dataset, but instead is available as the NZ Title Memorials Additional Text table: http://data.linz.govt.nz/table/51696. These are usually easement memorials affecting titles in South Island land districts or are cancellation memorials.

Important Notes:

The Privacy Act applies to personal information contained within this dataset, particularly when used in conjunction with other public data. See the LINZ Licence For Personal Data 2.1

When Landonline was developed (circa 2000), only current memorials (i.e. those shown on live titles) were converted from paper to digital format. Therefore any historic memorial contained in this dataset has only become historic since the development of Landonline.

Column Name	Type	Description
id	**integer**	The memorial id (primary key).
title_no	**varchar(20)**	The title number the memorial relates to.
land_district	varchar(100)	The name of the land district the title is in. e.g. "North Auckland", "Southland" See http://data.linz.govt.nz/layer/50785-nz-land-districts/ for more details A Land District is an administrative area that all titles and surveys were registered against prior to Landonline.
memorial_text	text	The text of the memorial. **Note:** A small minority of memorials (usually easements) don't have this field populated. They instead have additional text held in tabular format in the Landonline System. This additional text is *not* included in this dataset but is available as the NZ Title Memorials Extended Text table http://data.linz.govt.nz/table/51696.
current	boolean	Indicates if the memorial is a current or historic 'interest'.
instrument_number	varchar(30)	The number of the instrument that created the memorial; an instrument being a document relating to the transfer of, or other dealing with land. See note on instruments below.

Column Name	Type	Description
instrument_lodged_dat etime	datetime	The date and time the instrument was lodged for registration.
instrument_type	varchar(100)	The type of the instrument. For example Mortgage, Transfer, Lease or Discharge of Mortgage.
encumbrancees	varchar(4096)	Those that have a share in an encumbrance where an encumbrance is an interest in the land (e.g., mortgage, lease etc). For example where a bank holds a mortgage on a piece of land, the bank is the encumbrancee. Only current memorials with certain instrument types have encumbrancees. Instrument types that have encumbrancees include Mortgage, Caveat and Encumbrance. The memorial text always includes all current encumbrancees, however, the encumbrancees field sometimes does not. This means that when searching for particular encumbrancees the memorial_text field is best used in addition to the encumbrancee field.

* A note on Instrument Numbers:

In the Landonline System a memorial may be associated with different instruments: the original instrument that created the memorial, instruments that have modified the memorial, and an instrument that has extinguished the memorial. This dataset only shows the details of the instrument that last modified the memorial if it exists, and if it doesn't then the original 'creating' instrument details are shown. A result of this simplification is that in some cases the instrument number listed in the memorial_text does not match the instrument_number field. An example of when this occurs is where an Order for a New Certificate of Title has been registered. Any memorials on the cancelled title that affect the new title(s) are brought forward onto the new title(s). The instrument number in the memorial_text will refer to the original instrument, but the instrument_number column will refer to the instrument that has brought forward the memorial onto the new title(s).

4.1 Relationships

Parent table	Child table	Relating Parent Attribute	Relating Child Attribute	Cardinality
NZ Property Titles List	NZ Title Memorials List	title_no	title_no	Zero or more

5.   NZ TITLE MEMORIALS ADDITIONAL TEXT LIST

https://data.linz.govt.nz/table/51696-nz-title-memorials-additional-text-list/

This table should be used in conjunction with the NZ Title Memorials List table (http://data.linz.govt.nz/table/51695)

A small percentage of memorials (about 1%) have additional text that is structured in such a way that it could not be included in the NZ Title Memorials table and so is included here as a separate table.

The additional text is used in three different situations:
- Where a record of title has been cancelled and more than one new title has been issued from the cancelled title. In this case the new_title_legal_description and new_title_reference fields are populated itemising the new titles that have been issued.

- Where a head title for a unit development has been cancelled and individual unit titles have been issued from the cancelled title. In this case some or all of the principal_unit, future_development_unit, assessory_unit and ct_issued fields are populated.

- Where easements were converted from paper records to digital format at the beginning of the Landonline project (circa 2000). Easements are no longer recorded in this format but none the less they make up the majority of the records in this dataset. They usually relate to titles in the South Island. In this case some or all of the easement_type, servient_tenement, easement_area, dominant_tenement_or_grantee and statutory_restriction fields are populated.

Important: The Privacy Act applies to personal information contained within this dataset, particularly when used in conjunction with other public data. See the [LINZ Licence For Personal Data 2.1](#)

Memorial Type	Column Name	Type	Description
	id	**integer**	A unique identifier for the memorial text (Primary Key).
	ttm_id	**integer**	The title memorial id.
Cancellation of Title	new_title_legal_description	varchar(2048)	Legal description of a new title issued from the cancelation of the title related to this memorial.
	new_title_reference	varchar(2048)	Title reference of a new title issued from the cancelation of the title related to this memorial.
Cancellation of Head Title for a Unit Development	principal_unit	varchar(2048)	New principal units issued from the cancelation of the title related to this memorial.
	future_development_unit	varchar(2048)	New future development units issued from the cancelation of the title related to this memorial.
	assessory_unit	varchar(2048)	New assessory units issued from the cancelation of the title related to this memorial.
	title_issued	varchar(2048)	New unit title issued from the cancelation of the title related to this memorial.
Easement	easement_type	varchar(2048)	The type of easement. For example right of way or drain water.
	servient_tenement	varchar(2048)	The land over which the easement runs

			(burdened land).
	easement_area	varchar(2048)	Description of the easement area.
	dominant_tenement_or_grantee	varchar(2048)	The land enjoying the benefit of an easement (benefitted land).
	statutory_restriction	varchar(2048)	A restriction on the removal of an easement without consent from a local body.

5.1 Relationships

Parent table	Child table	Relating Parent Attribute	Relating Child Attribute	Cardinality
NZ Title Memorials List	NZ Title Memorials Additional Text List	id	ttm_id	Zero or more

6. NZ PROPERTY TITLE ESTATES LIST

https://data.linz.govt.nz/table/51566-nz-property-title-estates-list/

A title estate is a type of ownership of a piece of land e.g. fee simple estate, leasehold estate.

Estates are used to link the owners to the title. A title can have more than 1 estate and type.

Column Name	Type	Description
id	**integer**	The unique identifier for the title estate (Primary Key).
title_no	**varchar(20)**	The number of the title that this title estate belongs to.
type	varchar(100)	Defines the type of the estate for which the title was issued. E.g. 'Fee Simple', 'Stratum in Freehold', 'Leasehold'
land_district	varchar(100)	The name of the land district the title is in. e.g. "North Auckland", "Southland" See http://data.linz.govt.nz/layer/50785-nz-land-districts/ for more details
status	varchar(25)	The status of the estate within the context of the title estate. Can be only be 'Registered'
share	varchar(100)	The share of the estate held by this title. This field will normally be a whole share, however, it is possible for two different titles to contain a half (or other) share of the same area of land (e.g., for access lots or composite cross-lease titles).
purpose	varchar(255)	The description of the purpose that the land is held for (if applicable). E.g., a piece of land vested in the council during a subdivision may have a purpose "Local purpose recreation reserve". The purpose restricts the use of the land and the title. Used for display in the title view.

Column Name	Type	Description
timeshare_week_no	varchar(20)	If the title is a timeshare title, this contains the timeshare week that the title is for.
term	varchar(255)	Description of the term of the estate. Only valid for time limited estates for example Lease Hold estates. Their term is held as a textual description only for display (i.e, no automatic processing is performed based on the term).
legal_description	varchar(2048)	The legal description for the title estate types. It is derived from the appellations of the parcels that make up the estate
area	integer	Total area of the land contained with the title estate. The area may not always be defined, due to data conversion issues from the historic paper record into the Landonline system.

6.1 Relationships

Parent table	Child table	Relating Parent Attribute	Relating Child Attribute	Cardinality
NZ Property Titles List	NZ Property Title Estates List	title_no	title_no	One to many
NZ Property Title Estates List	NZ Property Title Owners List	id	tte_id	One to many

7. NZ Property Title Owners List

https://data.linz.govt.nz/table/51564-nz-property-titles-owners-list/

This table provides registered (or current) ownership information for a Record of Title. A registered owner is a person or corporation holding a share in a Title estate.

This table only contains title ownership information. Access the related NZ Property Titles Estate List and NZ Property Titles List tables for more information.

Important: The Privacy Act applies to personal information contained within this dataset, particularly when used in conjunction with other public data. See the LINZ Licence For Personal Data 2.1

Column Name	Type	Description
id	**integer**	The unique identifier for the registered title owner. (Primary Key).
tte_id	**integer**	The identifier of the title estate that the registered owner owns. If there are joint tenants on a title, there will be more than one registered owner for the same title estate.
title_no	varchar(20)	The number of the title that this registered owner belongs to.
land_district	varchar(100)	The name of the land district the title is in. e.g. "North Auckland", "Southland" See http://data.linz.govt.nz/layer/50785-nz-land-districts/ for more details A Land District is an administrative area that all titles and surveys were registered against prior to Landonline.
status	varchar(25)	The status of the owner within the context of the title estate. Can be only be 'Registered'

Column Name	Type	Description
estate_share	varchar(100)	The title estate share that the registered owner has. If tenants in common exist on a title, they will be recorded as separate estate shares. A value needs to be given to each of the shares. Generally the value of all the estate shares in an estate will add up to one (but this is not always the case with Maori titles).
owner_type	varchar(10)	Indicates whether this registered owner is an individual or corporation.
prime_surname	varchar(100)	If this registered owner is an individual, the surname of the owner is stored here, otherwise this should be blank.
prime_other_names	varchar(100)	If this registered owner is an individual, the given name(s) of the owner are stored here, otherwise this should be blank.
corporate_name	text	If this registered owner is a corporation, the name of the corporation is stored here, otherwise this should be blank.
name_suffix	varchar(6)	If this registered owner is an individual, the name_suffix of the owner is stored here; otherwise this should be blank e.g. Junior, 'senior, Second, Third.

7.1 Relationships

Parent table	Child table	Relating Parent Attribute	Relating Child Attribute	Cardinality
NZ Property Title Estates List	NZ Property Title Owners List	id	tte_id	One to many

8. NZ Title Parcel Association List

https://data.linz.govt.nz/table/51569-nz-title-parcel-association-list/

This table is used to associate live and part-cancelled Records of Title to current spatial parcels. There is a many to many relationship between titles and parcels.

This table can be used to link NZ Property Titles List, NZ Property Title Estates List, or NZ Property Title Owners List to spatial parcel layers such as NZ Parcels, NZ Linear Parcels or NZ Primary Parcels

The match between live/part cancelled titles and current parcels is more than 99.9%.

Column Name	Type	Description
id	**integer**	The unique identifier title parcel association. (Primary Key)
title_no	**varchar(20)**	The title that is associated to the spatial parcel.
par_id	**integer**	The id of the spatial parcel.
source	varchar(8)	The source of the association.
		LINZ - sourced from other Landonline official information
		External – sourced external to Landonline (from external agencies and LINZ staff). These will be of variable quality.

8.1 Relationships

Parent table	Child table	Relating Parent Attribute	Relating Child Attribute	Cardinality
NZ Parcels	NZ Title Parcel Association List	id	par_id	Zero or more
NZ Property Titles List	NZ Title Parcel Association List	title_no	title_no	Zero or more

9.   NZ Survey Plans

https://data.linz.govt.nz/layer/50794-nz-survey-plans/

This layer provides metadata about cadastral surveys along with reference points indicating the location of the survey. A cadastral survey determines and describes the spatial extent (including boundaries) of interest of land within New Zealand. Each survey is allocated a unique reference number (that prior to Landonline included reference to the land district. Survey provides details that identify the type of survey, the purpose, and who is involved with giving authorisation, preparation and taking responsibility for work when it is lodged with LINZ

For example: The Surveyor who generates a survey dataset is responsible for the accuracy, definition and completeness and provides the details of the purpose for carrying out the work.

Column Name	Type	Description
id	**integer**	Unique identifier for Survey. (Primary Key)
survey_reference	varchar(100)	The survey dataset number e.g. SO 12345, DP 12345

Column Name	Type	Description
land_district	varchar(100)	The name of the land district the title is in. e.g. "North Auckland", "Southland" See http://data.linz.govt.nz/layer/50785-nz-land-districts/ for more details A Land District is an administrative area that all titles and surveys were registered against prior to Landonline.
description	varchar(2048)	Survey Description, e.g. "Lots 1 and 2 being subdivision of Lot 1 DP 1000"
status	varchar(30)	The status for the survey. e.g. 'Approved', 'Registered', 'Requisitioned'
survey_date	date	The date the survey was performed.
purpose	varchar(30)	LT subdivision, cross lease, unit plan etc.
type	varchar(100)	Survey - A dataset where a Surveyor has completed Reduced Observations to determine spatial reference.(Includes Flats & Units) Compiled - A dataset prepared from existing boundary points and no new Reduced Observations are required. Computed - A dataset prepared from previous datasets that creates new boundary points without new Reduced Observations Refer Sys Code Group SURT for valid values.
datum	varchar(10)	The datum the plan is generalised to NZGD1949, NZGD2000, OCD (Old Cadastral Datum).
lodged_date	datetime	The latest date the survey was lodged with LINZ for approval.
authorised_date	datetime	The date the survey was authorised (i.e. date of approval).
shape	geometry	Multi-point geometry. This is aggregation of reference points indicating the location of the survey.

9.1 Relationships

Parent table	Child table	Relating Parent Attribute	Relating Child Attribute	Cardinality
NZ Survey Plans	NZ Survey Affected Parcels List	id	sur_wrk_id	Zero or more

10. NZ Survey Affected Parcels List

https://data.linz.govt.nz/table/51568-nz-survey-affected-parcels-list/

This table is used to describe the many to many relationship between surveys and parcels.

An affected parcel is a parcel which is affected by the approval of a survey dataset. A parcel may be affected, created or extinguished. For example, a survey can affect extinguish parcels by rendering them historical and at the same time may create new parcels (subdivision). Parcels may be affected by a survey but remain current (definition of an easement etc).

The same relationships and attributes exist for the NZ survey Affected Parcels List (Pending Approval) dataset (for Council only).

Column Name	Type	Description
id	**integer**	Unique identifier for affected parcel surveys. (Primary Key)
sur_wrk_id	**integer**	Work id of survey this parcel was affected by
par_id	**integer**	Identifier of the parcel that was affected by the survey

Column Name	Type	Description
action	varchar(12)	A parcel may be affected, created or extinguished by the approval of a Survey Dataset. For example, a survey can affect extinguish parcels by rendering them historical and at the same time may create new parcels (subdivision). Parcels may be affected by a survey but remain current (definition of an easement etc).

10.1 Relationships

Parent table	Child table	Relating Parent Attribute	Relating Child Attribute	Cardinality
NZ Parcels	NZ Survey Affected Parcels List	id	par_id	Zero or more
NZ Parcels	NZ Survey Affected Parcels List	id	sur_wrk_id	Zero or more

11. NZ Parcel Statutory Actions List

https://data.linz.govt.nz/table/51565-nz-parcel-statutory-actions-list/

A Statutory Action is the action that is authorised by a specific Part or Section of an Act.

This table provides information about the current and historic statutory actions as recorded against specific parcels.

Column Name	Type	Description
id	**integer**	Unique identifier for the parcel statutory action.
par_id	**integer**	The identifier for a parcel.
status	varchar(10)	The status for the action e.g. 'Current', 'Historic'
action	varchar(12)	Actions against parcel networks when recorded. e.g. 'Extinguished', 'Create', 'Referenced'
statutory_action	varchar(255)	Description of the statutory action listing type, purpose and Gazette Reference if applicable.

11.1 Relationships

Parent table	Child table	Relating Parent Attribute	Relating Child Attribute	Cardinality
NZ Parcels	NZ Parcel Statutory Actions List	id	par_id	Zero or more