Accessing free Vic Data (as of Aug 2016)

Read a mind map clockwise then top to bottom in each branch

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MapSport Cartographic
version 3Aug16

Updates of 16Jan16

http://services.land.vic.gov.au/SpatialDatamart/index.jsp
- need to login to be able to proceed to order
- K: Use wallet for access

1 Select Category
- Spatial data

2 Filter datasets in L column

3 In TAGS filter at bottom, look for possible quick access to your dataset
- If lucky, proceed to

4 In FORMAT filter, select Shape

5 In CATEGORIES filter, select VicMap Products

6 Select a more defined CATEGORY or next step
- e.g. Elevation

7 Select a data set from list at right
- e.g. Contour 1:25,000 - Vicmap Elevation
  - at time of writing this is not appearing via this website
- Tag is EL_CONTOUR
- More button

8 Data set page
- Preview
  - shows data overlaid on web map
  - may need zoom in to see some data such as contours
- Subtopic
- Full View
  - first need to accept terms upper right Download & Resources panel
  - full size map window displays with your selection
  - Layers
    - can add other data to map by ticking Layer selections on left
  - Get URLs
    - copy URL to display georeferenced data in window at another time
    - refer to Developer's Help Page for info on overlaying georeferenced image onto Google, Bing maps
  - Legend
    - map legends of your Layer selections
  - ESCape to exit Full View
- Download & Resources
  - accept terms & conditions
  - view Copyright & Attribution
    - a Creative Commons licence
    - must display on any map using data
  - can get WMS (Web Map Service) URL
  - order data set
    - enter e-mail address for delivery of link
    - select Order Data
    - takes you to Order Details page

9 Order Details
- select Vector, Imagery or Grid data
- select Area Type
  - e.g. postcode, shire ...
- select Area of that Type
  - e.g. 3460, 3461
  - each selection generates a separate data set
- select Buffer Distance (extension beyond selected boundary)
  - e.g. 1km
- select Format
  - ESRI Shape file
    - OCAD Professional
  - Autocad DXF file
    - OCAD Standard
- select Projection
  - ~~Geographicals on GDA-94~~
  - ~~VICGRID on GDA-94~~
  - MGA 1994 Zone 54
    - Zone 54 is west of that N-S line
  - MGA 1994 Zone 55
    - Zone 55 is east of that N-S line
  - which UTM zone?
    - based on a line running grid N-S just E of the Bungaree CFA station. Bungaree is E of Ballarat.on the rail line.
    - or even more approximately, see http://home.mira.net/~gnb/gps/mapping.html#vicutmzones
  - if your area straddles the zones, then select the zone that ...
    - - incorporates most of your coverage
    - or upon which other of your spatial data data is based (e.g. shire GIS data)
- button Apply
- Can add more datasets at this stage
- button SUBMIT

10 SUBMIT
- you are advised that the dataset will be emailed within 24 hours (possibly biz hrs)

Key data sets for map sports
Search using ID
- Notes
  - data sets may appear in multiple groups
  - select VicMap 1:25,000 data set where available as that combines subsets
  - Search using ID
- Elevation
  - Contour 1:25,000 - Vicmap Elevation
    - ID: 703
    - 2Aug 2016 VicMap Elevation 10m, 50m is missing from Elevation category
- Transport
  - All transport
    - ID: 4840
    - 3Aug16: VicMap 1:25,000 but VicMap missing from Transport category but VicMap Transport Scale : Various appears to contain key datasets
  - TR_ROAD
    - ID: 705
    - ID: 4877
  - TR_ROAD_INFRASTRUCTURE
    - ID: 4841
  - TR_RAIL
    - ID: 691
  - TR_RAIL_INFRASTRUCTURE
    - ID: 4847
- Vegetation
  - VcMap Vegetation 1:25,000
    - ID: 5559
- Hydro
  - Vicmap Hydro 1:25,000
    - ID: 5162
- Features
  - Place Area Polygon 1:25,000 - Vicmap Features of Interest ...
    - for Built Up Areas (BUA)
    - VMLITE_BUILT_UP_AREA
    - 17Jul. website giving 404 Not Found (reported)
- Property
  - Property boundaries
    - if it shows as area, select all and convert to a line to show propoerty boundaries
  - Try Property Map Polygons - Vicmap Property Simplified 1
    - ID: 2046
  - Crown Land Tenure
    - ID: 4977