

DEPARTMENT OF WATER (DoW)  
Metadata Statement

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CITATION INFORMATION  
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DATASET TITLE:  
full\_site\_listing  
Site identifier popup window  
Contextual layer metadata (refer to end of this statement):

- Hydrogeology, Statewide - DOW
- Groundwater Contours, Minimum
- Hydrographic Catchments – Catchments
- Local Government Authorities

CUSTODIAN:  
Department of Water (DoW) – Water Information Branch – Water Information Management section

JURISDICTION:  
Western Australia

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TEXTUAL DESCRIPTION  
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ABSTRACT:

The full\_site\_listing (Water Information (WIN) Sites) dataset represents the locations (Sites) where a measurement or measurements have been or could potentially be taken.

Site locations are derived from the WIN system which stores a range of information about each site including geographical location. Information detailed in the data dictionary below may not be inclusive of all available data.

Additional information such as; Measurements of water table depth, stream height, water quality, construction details such as bore logs for Ground Water sites, etc. is not detailed in this dataset.

Please contact the Custodian if more information is required.

ANZLIC SEARCH WORDS:  
WATER Groundwater, WATER Hydrology, WATER Hydrochemistry, WATER Lakes, WATER Rivers, WATER Salinity, WATER Supply, WATER Surface, WATER Quality, WATER Wetlands

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SPATIAL EXTENT  
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GEOGRAPHIC EXTENT: Western Australia

GEOGRAPHIC BOUNDING BOX:  
(All coordinate values expressed in Decimal Degrees)

North Bounding Latitude: -10.8000  
South Bounding Latitude: -35.7000  
East Bounding Longitude: 138.1500  
West Bounding Longitude: 112.1200

The bounding box encloses the maximum extents of the dataset. There may be voids or gaps within the bounding box, depending on the defined coverage of the dataset.

HORIZONTAL COORDINATE SYSTEM:  
Geographic System

GEODETTIC MODEL:  
Geocentric Datum of Australia 1994

VERTICAL COORDINATE SYSTEM:  
Australian Height Datum (1971) in meters

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DATA CURRENCY & STATUS  
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BEGINNING DATE:  
Unknown

ENDING DATE:  
Current

PROGRESS:  
In Progress

UPDATE FREQUENCY:  
Daily (overnight)

ADDITIONAL METADATA:  
Catalogue of Water Resources Information 1996 Vol 1-3, and Explanatory Notes

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DATA QUALITY

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LINEAGE:

Information is updated directly from the WIN database each night.

Updates:

Site attribute information and associated measurement information is updated directly from the WIN database each night.

NOTE: The data in this listing was up to date at the time of capture.

Updates to the data may not have been supplied to DOW and consequently some attributes may not be current.

Data in the full\_site\_listing is not intended for analysis as it is summary data only. If analysis of data in this listing is required then the measurement data should be obtained from WIR.

- Examples of fields for which original data should be obtained are WATER\_LEVEL and TDS\_COND as these readings change over time and only the latest data is displayed in the Full site listing.

POSITIONAL ACCURACY:

Dictated by method employed - usually determined from topographical maps, survey and GPS

ATTRIBUTE ACCURACY:

Varied

LOGICAL CONSISTENCY:

Good

COMPLETENESS:

Directly reflects sites registered in the WIN database that DoW is authorised to publish

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CONTACT INFORMATION

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CUSTODIAN:

-- CONTACT ORGANISATION: Department of Water

-- CONTACT POSITION: Team Leader, Water Information Management

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-- LOCALITY: The Atrium Building, 168 St Georges Terrace, Perth

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-- TELEPHONE: (08) 6364 6500

-- EMAIL ADDRESS: wir@water.wa.gov.au

SPATIAL CUSTODIAN:

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- CONTACT POSITION: Manager Spatial Services, Water Information and Modelling Branch
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DATA EXCHANGE CUSTODIAN:

- CONTACT ORGANISATION: Department of Water
- CONTACT POSITION: Spatial Data Exchange Officer, Water Information and Modelling Branch
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DATA DICTIONARY  
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FIELD NAME: WIN Site Id  
FIELD DESCRIPTION: Unique numeric site identifier assigned by the WIN (Water Information System) database system.  
CODE VALUES: Numeric Value

FIELD NAME: Site Type  
FIELD DESCRIPTION: Broad categorisation of the site in relation to the earth's surface and the primary type of water system (source) it relates to; Ground; Surface; Meteorological; Unknown.  
CODE VALUES: Textual Value

FIELD NAME: Site Subtype  
FIELD DESCRIPTION: Narrow categorisation of the site type, based on the type of asset or infrastructure at the site or its primary usage; Bore or Well; Rainfall; Climate; Stream Gauging; Transect; Trench, etc.  
CODE VALUES: Textual Value

FIELD NAME: Site Geographic Feature  
FIELD DESCRIPTION: The dominant geographical feature the site is located in; Atmosphere; Catchment; Cave; Drain; Ground; Estuary; Lake; Ocean; River/Stream, etc.  
CODE VALUES: Textual Value

FIELD NAME: Site Spatial Type  
FIELD DESCRIPTION The geographical extent of the site and the pattern of sampling. Sites can be more than just sampling point. They may also represent generalised study areas, transects or other spatial types; Area; Grid; Line; Point; Quadrat.  
Sampling points may sit within other spatial types, e.g. A transect may contain twenty sampling points.  
CODE VALUES: Textual Value

FIELD NAME: Site Category (Site identifier popup window: Category)  
FIELD DESCRIPTION: The name for a broad categorization of WIN Sites as used by the Water Information Reporting system; Meteorological or Rain/climate; Groundwater; Stream Gauging; Surface (other)  
CODE VALUES: Textual Value

FIELD NAME: Default Site Num Sys  
FIELD DESCRIPTION: The default numbering system specified for the site. The purpose of this field is to designate a single standard numbering system to be used when reporting site information.  
CODE VALUES: Textual Value

FIELD NAME: Default Site Reference (Site identifier popup window: Site Ref)  
FIELD DESCRIPTION: The site reference from the default numbering system for the site.  
CODE VALUES: Textual Value

FIELD NAME: Default Site Context Name (Site identifier popup window: Context)  
FIELD DESCRIPTION: The site context from the default numbering system for the site. The Context Name places the site into its geographical or geological context. For example, the name of the water body or bore line in which the site is located; 'Swan River'; 'Moora Line'  
CODE VALUES: Textual Value

FIELD NAME: Default Site Name (Site identifier popup window: Name)

FIELD DESCRIPTION: The site name from the default numbering system for the site. The Site Name enables differentiation between sites that share the same Context Name; e.g. "ASCOT MARINA", "MLA9".

CODE VALUES: Textual Value

FIELD NAME: Other Site References

FIELD DESCRIPTION: All site references used for the site, strung into one field and separated by semi-colons. The numbering system code is enclosed by square brackets, e.g. "ASCOTMA [WRC1]", "SWA1517102B [GW]; WM2 [MWB];"

CODE VALUES: Textual Value

FIELD NAME: Other Site Names

FIELD DESCRIPTION: All site names used for the site, strung into one field and separated by semi-colons. The numbering system code is enclosed by square brackets, e.g. "ASCOT MARINA [WRC1]", "WM2 [GW]; WM2 [MWB]".

CODE VALUES: Textual Value

FIELD NAME: AWRC Reference (Site identifier popup window: AWRC Ref)

FIELD DESCRIPTION: Unique reference code (numeric) for the site using the Australian Water Resources Council (AWRC) numbering system. Issued by the WIN Site Registrar and based on the AWRC drainage basins. Not applicable to Rainfall/climate sites.

CODE VALUES: Numeric Value

FIELD NAME: BOM Reference

FIELD DESCRIPTION: A reference code / number for the site using the Bureau of Meteorology (BOM) numbering system and based on the BOM rainfall districts.

CODE VALUES: Numeric Value

FIELD NAME: MET Reference

FIELD DESCRIPTION: A reference code / number for the site using the DOW MET (Meteorological) numbering system. Issued by the WIN Site Registrar and based on the BOM rainfall districts.

CODE VALUES: Numeric value

FIELD NAME: WRC1 Free Text Ref

FIELD DESCRIPTION: A reference code / number for the site using the WRC Text abbreviated numbering system. Provided by project staff to easily identify a sampling site or issued by the WIN Site Registrar and based on a free-text alpha-numeric code; e.g. "BLA"; "BELMONT1"; "GBC03".

CODE VALUES: Textual Value

FIELD NAME: Zone

FIELD DESCRIPTION: The zone for the coordinate system in which the site is geo-referenced. By convention, all DOW site coordinates are expressed in the Geocentric Datum of Australia (GDA94).

CODE VALUES: Numeric value

FIELD NAME: Easting

FIELD DESCRIPTION: Easting coordinate of the sampling site. Map Grid of Australia (MGA) projection of the GDA94 coordinates (Lat/Long).

CODE VALUES: Numeric Value

FIELD NAME: Northing

FIELD DESCRIPTION: Northing coordinate of the sampling site. Map Grid of Australia (MGA) projection of the GDA94 coordinates (Lat/Long).

CODE VALUES: Numeric Value

FIELD NAME: Latitude

FIELD DESCRIPTION: Latitude in decimal degrees using the Geocentric Datum of Australia 1994. The latitude of a feature is its angular distance on a Meridian, measured northwards or southwards from the terrestrial Equator.

CODE VALUES: Numeric Value

FIELD NAME: Longitude

FIELD DESCRIPTION: Longitude in decimal degrees using the Geocentric Datum of Australia 1994. An angular distance measured east or west from a reference meridian (usually Greenwich) on the earth's surface.

CODE VALUES: Numeric Value

FIELD NAME: Geographic Datum

FIELD DESCRIPTION: The geodetic datum in which the Latitude and Longitude are expressed; e.g. "GDA94"

CODE VALUES: Textual Value

FIELD NAME: Geographic Precision (+/- metres)

FIELD DESCRIPTION: The known accuracy of the coordinates in meters, e.g. +/- 100m.

CODE VALUES: Textual Value

FIELD NAME: Geographic Assessment Method

FIELD DESCRIPTION: The method used to determine site coordinates. The accuracy (Geographic Precision) of the coordinates can be assumed from the assessment method if not provided with the data; e.g. "Surveyed"; "GDA94 Conversion".

CODE VALUES: Textual Value

FIELD NAME: 1:250,000 Map Index

FIELD DESCRIPTION: The index number for the 250 Thou Map sheet that site resides in, if applicable; e.g. "SI5005". Derived from GIS layer 'Map Sheet / Data indexes 2004 (for 1:100 000 and 1:250 000 NATMAP and GEODATA TOPO 250K) copyright © Geoscience Australia.

CODE VALUES: Textual Value

FIELD NAME: Asset Owner

FIELD DESCRIPTION: The organisation that currently owns the assets (fixed infrastructure) at the site and is related to the official DOW asset register.

CODE VALUES: Textual Value

FIELD NAME: Data Owner

FIELD DESCRIPTION: The organisation that owns (have copyright of) the data collected at the site. A site may have one or many data owners.

CODE VALUES: Textual value

FIELD NAME: Commence

FIELD DESCRIPTION: This is broadly considered to be the date the site was opened or first operational or capable of supporting a valid measurement. This data may be ambiguous.

CODE VALUES: Date

FIELD NAME: Cease

FIELD DESCRIPTION: This is broadly considered to be the date the site was closed or ceased operation. If no date is present then the site is considered to still be operational. This data may be ambiguous.

CODE VALUES: Date

FIELD NAME: Site Purpose Current

FIELD DESCRIPTION: General grouping of sites for a variety of reasons related to usage of site. A site can have multiple purposes at any one time. This field displays only the current purpose of a site; e.g. "Monitoring; Groundwater Assessment Network"

CODE VALUES: Textual Value

FIELD NAME: Site Purpose Historical

FIELD DESCRIPTION: Purpose is a means of categorising sites according to *usage*. A site can have many purposes over time, and these often overlap. This field displays all previous historical purposes of a site.

CODE VALUES: Textual Value

FIELD NAME: Projects

FIELD DESCRIPTION: A list of all WIN project codes that have been associated with the site, strung into one field and separated by semi-colons, e.g. "MW-G-CARGWA; WA-S-SWRISHIST"

CODE VALUES: Textual Value

FIELD NAME: Aquifers (DOW)

FIELD DESCRIPTION: A list of DWAID specific aquifers that have been assigned to a site by a DOW Hydrogeologist. This field is only applicable to Boreholes or wells; e.g. "Perth - Yarragadee North"

CODE VALUES: Textual Value

FIELD NAME: Aquifers (As reported)

FIELD DESCRIPTION: Any aquifer listed in a Report for the site. This field is only applicable to Boreholes or wells; e.g. "Mirrabooka"

CODE VALUES: Textual Value

FIELD NAME: Infrastructure Status Current

FIELD DESCRIPTION: Status describes the condition of the *fixed infrastructure* of a DOW site over time (does not track non-DOW sites). This field displays only the current status of a site's infrastructure; e.g. "Operational"

CODE VALUES: Textual value

FIELD NAME: Infrastructure Status Historic

FIELD DESCRIPTION: Status describes the condition of the *fixed infrastructure* of a DOW site over time (does not track non-DOW sites). This field displays all previous historical statuses of a site's infrastructure.

CODE VALUES: Textual value



FIELD NAME: Currently Telemetered

FIELD DESCRIPTION: Yes / No flag for whether the site is currently telemetered

CODE VALUES: Textual value

FIELD NAME: DOW Owned

FIELD DESCRIPTION: Yes / No flag for whether the site is owned by the department (currently the Department of Water)

CODE VALUES: Textual Value

FIELD NAME: Bore Construction Available

FIELD DESCRIPTION: Yes/No flag for whether the site has borehole construction information available. Note: Information may be limited to drilled depth only for some bores.

CODE VALUES: Textual Value

FIELD NAME: Data Categories Used

FIELD DESCRIPTION: The categories of data available for the site, strung into one field and separated by semi-colons; e.g. "DISCWL; DISCWQ; HYDGEOL; SITEINF". A listing of Data Category codes and their descriptions is available from the Help and References section of Water Information Reporting.

CODE VALUES: Textual Value

FIELD NAME: Variable Types Used

FIELD DESCRIPTION: The different types of WIN variables measured at the site, strung into one field and separated by semi-colons; e.g. "INORGMETAL; WATERLVL; PHYSICAL; NUTRIENTS; INORGNOMET". A listing Variable type codes and their descriptions is available from the Help and References section of Water Information Reporting.

CODE VALUES: Textual Value

FIELD NAME: Precomputed Reports URL (Site identifier popup window: Pre-computed Reports)

FIELD DESCRIPTION: A hyperlink that opens a listing of pre-computed reports that have been published for the site. Each item in the list is also a hyperlink to the actual report.

CODE VALUES: Textual Value

FIELD NAME: Date Drilled

FIELD DESCRIPTION: Only valid for Bores and displays the date on which the bore construction was completed.

CODE VALUES: Date

FIELD NAME: Bore Inlet

FIELD DESCRIPTION: A listing of all inlets (screens) recorded for a bore, with upper and lower depth of each inlet from a specified reference point, and aperture sizes where available. Obtained from the latest construction event, e.g. "Depths: m below Ground level; 90-96m Inlet - Perforated; 89-95m Inlet - Screen; Ap:.05mm"

CODE VALUES: Textual Value

FIELD NAME: Summary Logs Available

FIELD DESCRIPTION: Yes / No flag for whether a summary log exists in WIN for the site. Only valid for bores.

CODE VALUES: Textual Value

FIELD NAME: Lithology Logs Available

FIELD DESCRIPTION: Yes / No flag for whether a lithology log exists in WIN for the site. Only valid for bores.

CODE VALUES: Textual Value

FIELD NAME: Depth Reference Points

FIELD DESCRIPTION: Latest AHD Depth Reference Points stored in WIN for the site and the date the Depth Reference Points apply from. This does not display historical AHD Depth Reference points; e.g. "TOC:35.95mAHD-28/10/1996, GL:35.08mAHD-28/10/1996".

CODE VALUES: Textual Value

FIELD NAME: Currently Monitored

FIELD DESCRIPTION: Yes / No flag for whether the site is in a currently active monitoring program that has been registered as a WIN project.

CODE VALUES: Textual value

FIELD NAME: Time-Series Start Date

FIELD DESCRIPTION: Date of the first time series point as archived in the data management system.

CODE VALUES: Date

FIELD NAME: Time-Series End Date

FIELD DESCRIPTION: Date of the last time series point as archived in the data management system.

CODE VALUES: Date

FIELD NAME: Discrete Data Start Date

FIELD DESCRIPTION: Date of the first sample or measurement stored in WIN. This field is populated from the sample collected date.

CODE VALUES: Date

FIELD NAME: Discrete Data End Date

FIELD DESCRIPTION: Date of the last sample or measurement stored in WIN. This field is populated from the sample collected date.

CODE VALUES: Date

FIELD NAME: Borehole Water Supply Rate

FIELD DESCRIPTION: The latest "water supply" type value stored in WIN; e.g. "Borehole water supply 8.640 m3/day on 29-10-1996"

CODE VALUES: Textual Value

FIELD NAME: Latest Discrete Water Level

FIELD DESCRIPTION: The latest "water level" type value stored in WIN; e.g. "Static water level 26.100 m from Top of casing on 23-04-2013"

CODE VALUES: Textual Value

FIELD NAME: Salinity as TDS or Conductivity

FIELD DESCRIPTION: Either the latest TDS value stored in WIN or a value that can be converted to TDS; e.g. "TDSolids (in situ) 7000.000 mg/L on 01-01-1900" or "Cond comp 25 deg C (in situ) 536.000 uS/cm on 05-12-2012"

CODE VALUES: Textual Value

FIELD NAME: River Basin

FIELD DESCRIPTION: The name of the AWRC River Basin that site resides in, if applicable; e.g. "Moore-Hill Rivers". Derived from GIS layer '*Hydrographic Basins – DOW*'.

CODE VALUES: Textual Value

FIELD NAME: Catchment

FIELD DESCRIPTION: The name of the DOW Catchment that site resides in, if applicable; e.g. "Moore River". Derived from GIS layer '*Hydrographic Catchments – DOW*'

CODE VALUES: Textual Value

FIELD NAME: Estuary

FIELD DESCRIPTION: The name of the estuary that site resides in, if applicable. Derived from the GEOSCIENCES Geomorphology, MARINE Estuaries, © *Geoscience Australia*.

CODE VALUES: Textual Value

FIELD NAME: BOM Rainfall District

FIELD DESCRIPTION: The name of the Bureau of Meteorology rainfall district that site resides in, if applicable; e.g. "North Coast". Derived from GIS layer '*Rainfall District Coverage - BOM 1997*', Copyrighted to the Bureau of Meteorology

CODE VALUES: Textual Value

FIELD NAME: Local Govt Authority

FIELD DESCRIPTION: The name of the Local Government Authority that site resides in, if applicable; e.g. "SHIRE OF CARNAMAH". Derived from the Spatial Cadastral Database (SCDB)- Landgate. © *Western Australian Land Information Authority trading as Landgate* .

CODE VALUES: Textual Value

FIELD NAME: Locality

FIELD DESCRIPTION: The name of the Locality that site resides in, if applicable. e.g. "CARNAMAH". Derived from the Spatial Cadastral Database (SCDB)- Landgate. © *Western Australian Land Information Authority trading as Landgate*

CODE VALUES: Textual Value

FIELD NAME: Department Region

FIELD DESCRIPTION: The departmental (DOW) management region that site resides in, if applicable. e.g. "Mid West-Gascoyne". Derived from GIS layer '*DOW Regional Boundaries – DOW*'.

CODE VALUES: Textual Value

FIELD NAME: Local Landmark Name

FIELD DESCRIPTION: The name of the geographic locality that site resides in, if applicable. Derived from Landgate GEONOMA Data . © *Western Australian Land Information Authority trading as Landgate (2009)*'

CODE VALUES: Textual Value

FIELD NAME: Groundwater Province

FIELD DESCRIPTION: The name of the groundwater province that site resides in, if applicable; e.g. "Perth". Derived from GIS layer '*Groundwater Provinces - DOW*'

CODE VALUES: Textual Value

FIELD NAME: Groundwater Area

FIELD DESCRIPTION: The name of the groundwater area that site resides in, if applicable; e.g. "Arrowsmith". Derived from GIS layer '*DWAID Groundwater Areas – DOW*'

CODE VALUES: Textual Value

FIELD NAME: Groundwater Subarea

FIELD DESCRIPTION: The name of the groundwater subarea that site resides in, if applicable; e.g. "Tathra". Derived from GIS layer '*DWAID Groundwater Subareas – DOW*'

CODE VALUES: Textual Value

FIELD NAME: Surfacewater Area

FIELD DESCRIPTION: The name of the surface water area that site resides in, if applicable; e.g. "Lower Blackwood". Derived from GIS layer '*Surface Water Allocation Areas (DWAID)*'

CODE VALUES: Textual Value

FIELD NAME: Surfacewater Subarea

FIELD DESCRIPTION: The name of the surface water subarea that site resides in, if applicable; e.g. "Scott". Derived from GIS layer '*Surface Water Allocation Subareas (DWAID) - DOW*'

CODE VALUES: Textual Value

FIELD NAME: Site Comment

FIELD DESCRIPTION: General comments about the site, sourced from site comments in WIN if the field is populated; e.g. "BORE NOT OPERATING, NO SAMPLE COLLECTED, SITUATED IN GULLY."

CODE VALUES: Textual Value

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## METADATA FOR TABLE OF CONTEXTUAL LAYERS

### TABLE OF CONTEXTUAL LAYER: **Hydrogeology, Statewide -DOW**

DESCRIPTION: Hydrogeological Map of WA, published 1989. Digitised from 1:2 500 000 hard copy. Shows aquifer type lithology. Amended June 2001 with addition of superficial aquifer in the Ord and Ashburton Rivers. Please see Legend for information. e.g. "Basalt, intermediate and acid volcanics", "Calcrete", etc. There are no plans to update this dataset.

CODE VALUES: Textual Value

LITHOLOGY	AQUIFER
Basalt, intermediate and acid volcanics	Rocks of Low Permeability, Fractured and Weathered Rocks - Local Aquifers
Dolerite, gabbro and ultrabasic intrusions	Rocks of Low Permeability, Fractured and Weathered Rocks - Local Aquifers
Dolomite	Rocks of Low Permeability, Fractured and Weathered Rocks - Local Aquifers
Gneiss, migmatite	Rocks of Low Permeability, Fractured and Weathered Rocks - Local Aquifers
Granitoid	Rocks of Low Permeability, Fractured and Weathered Rocks - Local Aquifers
help	Rocks of Low Permeability, Fractured and Weathered Rocks - Local Aquifers
Limestone (EDA)	Sedimentary Rocks - Extensive And Deep Aquifers
Limestone (LA)	Rocks of Low Permeability, Fractured and Weathered Rocks - Local Aquifers
Limestone, calcrete	Surficial Sediments - Shallow Aquifers
Metamorphic rocks	Rocks of Low Permeability, Fractured and Weathered Rocks - Local Aquifers
Sand	Rocks of Low Permeability, Fractured and Weathered Rocks - Local Aquifers
Sand, gravel	Surficial Sediments - Shallow Aquifers
Sand, sandstone	Sedimentary Rocks - Extensive And Deep Aquifers
Sandstone	Rocks of Low Permeability, Fractured and Weathered Rocks - Local Aquifers
Sedimentary rocks, undifferentiated	Rocks of Low Permeability, Fractured and Weathered Rocks - Local Aquifers
Shale	Rocks of Low Permeability, Fractured and Weathered Rocks - Local Aquifers
Surficial sediments	Surficial Sediments - Shallow Aquifers
Undifferentiated extensive sedimentary	Rocks of Low Permeability, Fractured and Weathered Rocks - Local Aquifers
Volcanic and sedimentary rocks in greenstone belts, undifferentiated	Rocks of Low Permeability, Fractured and Weathered Rocks - Local Aquifers
Water Body	Water Body

**TABLE OF CONTEXTUAL LAYER: Groundwater Contours, Minimum**

**FIELD DESCRIPTION:** The water table contours are based upon May 2003 (end of summer) measurement of superficial aquifer groundwater levels from 816 monitoring bores within the superficial aquifer. These values have been used in association with estimated water levels for end of summer 2003 based on hydrographs for 71 additional selected bores.

When drawing the superficial aquifer watertable contours the following conditions and assumptions were applied:

- 1) The superficial aquifer (Swan Coastal Plain) is bounded by the Indian Ocean and the Darling Scarp/Gingin Scarp.
- 2) The watertable contours were drawn to conform to end of summer (May) 2003 measurements.
- 3) The watertable contours have been generally constructed by proportional triangulation between data points.
- 4) The contours were manually manipulated to best fit the most likely hydrogeology of the area, particularly around lakes and rivers.
- 5) Surface water, such as rivers and lakes, was interpreted as a surface expression of the superficial groundwater system.
- 6) The surface of the superficial aquifer (watertable) appears as a uniform continuous surface across the landscape.

**WATERTABLE CONTOUR CONFIDENCE:**

Areas where the land-surface elevation contour set from the Department of Land Information has been determined on a 5 metre land-surface elevation contour interval. The increased contour interval reduces the ability to determine both depth to groundwater and depth to the base of the superficial aquifer. Bore density is indicative of the watertable contour confidence. Areas of relatively high density of monitoring bores generally have higher confidence watertable contours than those areas with a lower density of monitoring bores.

**GEOGRAPHIC EXTENT:** Perth Metropolitan Region, Shire of Gingin and Shire of Waroona, Western Australia.

**CODE VALUES:** Numeric Value in Meters (e.g. '22')

**TABLE OF CONTEXTUAL LAYER: Hydrographic Catchments – Catchments DOW**

**FIELD DESCRIPTION:** The name of the DOW Catchment; e.g. "Moore River".

Catchment boundaries have been defined for more than 3400 key sites on streams throughout Western Australia. The Subcatchments dataset contains polygons from which the Catchment boundaries have been derived, revised in June 2007

**PROGRESS:** Complete. (Within current limitations on funding, further updates will be done as necessary)

**CODE VALUES:** Textual Value

**TABLE OF CONTEXTUAL LAYER: Local Government Authorities**

**FIELD DESCRIPTION:** Local Government Authority and Locality Boundaries for the State of Western Australia as at 02 May 2013. Generally, Post Code boundaries coincide with the Locality boundaries. Updated regularly when amendments/changes are formalised. Derived from the Spatial Cadastral Database (SCDB)- Landgate. © *Western Australian Land Information Authority trading as Landgate* .

**CODE VALUES:** Textual Value