Great Artesian Basin

DATA DICTIONARY

Hydrogeological Properties

2014

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Geoscience Australia

The data referred to in this data dictionary can be obtained from Geoscience Australia at www.ga.gov.au

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### Hydrogeological properties of the units contacting the Base of the GAB

**File name/s** BasementUnitsInContactWithGABBase

**Scale** 1:1,000,000

**Projection** Lambert conformal conic GDA 1994, with central meridian 134 degrees longitude, standard parallels at -18 and -36 degrees latitude.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Value | Type | Compulsory | Valid Values | Description | Rules |
| basin | String, 254 | No | Basin name if relevant or known, e.g. Darling Basin | Basin the aquifer properties refer to e.g. Darling Basin |  |
| age | String, 254 | No | Age, e.g. Early Permian | Basin age if known |  |
| group | String, 254 | No | Group name, e.g. Gidgealpa | Group the formation belongs to |  |
| formation | String, 254 | No | Formation name, e.g. Murteree Shale | Formation the aquifer/aquitard property refers to |  |
| member | String, 254 | No | Member name if relevant | Name of the Member that the Aquifer properties refer to. |  |
| strat\_code | String, 254 | No | Strat\_Code (many values) | Mapping Stratigraphy code if available |  |
| aquif\_type | String, 50 | Yes | aquitard tight, aquiclude, aquitard leaky, aquifer good, partial aquifer | Description of the aquifer/aquitard properties |  |

### Hydrogeological properties of the base of the GAB

**File name/s** BaseGABUnitsInContactWithBasement

**Scale** 1:1,000,000

**Projection** Lambert conformal conic GDA 1994, with central meridian 134 degrees longitude, standard parallels at -18 and -36 degrees latitude.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Value | Type | Compulsory | Valid Values | Description | Rules |
| name | String, 100 | Yes | name of the GAB aquifer or aquitard that this data belongs to | Name of the aquifer or aquitard |  |
| descript | String, 254 | Yes | Great Artesian basin regional hydrogeology | Description of purpose of the data. |  |
| aquif\_type | String, | Yes | Aquiclude, Aquifer, leaky Aquitard, Partial Aquifer | Description of the aquifer/aquitard properties |  |