

4d Hydraulic interconnection between the GAB and basement units

4d.1 Hydrogeological basement units in contact with the base of the GAB

Type Polygon: Shapefile

Scale 1:6 000 000

Projection Albers conformal conic, with central meridian 143 degrees longitude, standard parallels at -21 and -29 degrees latitude

Field Name	Attribute Type	Case	Computatory	Valid Values	Description	Rules
basin_base	String, 254	Proper	Yes		Underlying Basin or Basement. See 'basin_base' table for values	Proper case
age	String, 254	Proper	No	? = Imprecise age	Description of Geological Age based on geological time scale. See 'age' table for values	
group	String, 254	Proper	No		The formal lithostratigraphic unit which includes two or more contiguous or associated formations with significant lithological features in common. See 'group' table for values.	
formation	String, 254	Proper	Yes		Name of the geological unit. See 'formation' table for values.	
member	String, 254	Proper	Yes		A lithostratigraphic unit of subordinate rank comprising some specially developed part of a formation. See 'member' table for values.	
map_symb	String, 254	Mixed	Yes		Map text identifying the lithology of the geology unit. Code used to denote age in Caps, followed by and abbreviation of name for identification. See 'map_symb' table for values.	
hydr_code	String, 254	Mixed	Yes		Abbreviation of value in hydr_class field. See 'hydr_code' table for values.	
hydr_class	String, 254	Proper	Yes		Qualitative assignation of formation hydrogeological classification. See 'hydr_class' table for values.	

"basin_base" values

Adavale Basin
 Arafura Basin
 Arckaringa Basin
 Bamaga Basin
 Basement
 Bowen Basin
 Burketown Depression
 Canobie
 Cooper
 Darling Basin
 Esk trough
 Galilee Basin- Lovelle Depression
 Galilee Basin-Koburra Trough
 Gamboola Basin
 Georgina Basin

Gunnedah Basin
 Lake Frome Group
 Lakefield Basin
 Millungera Basin
 Mulgildie Outlier
 Olive River Basin
 Pascoe River Basin
 Pedirka
 Simpson
 Unamed Proterozoic
 Warburton

"group" values

Adavale undiff
 Back Creek
 Blackwater
 Clematis
 Cressbrook Ck
 Dullingari
 Gidgealpa
 Joe Joe
 Nappamerri
 Rewan
 Toogoolawah
 undifferenciaded

"age" values

Cambrian
 Cambro-Ord
 Devonian_Carboniferaous
 Early-mid Triassic
 Early Permian
 Early Triassic
 Frasnian-Givetian
 Late Carboniferous
 Late Permian
 Late Carboniferous - Early Permian
 Mid-late Triassic
 Mid Givetian
 Mid Triassic
 Neoproterozoic
 Ordovician
 Palaeozoic
 Permian
 Triassic

Epsilon Formation
 Ethabuka Sandstone
 Etonvale Formation
 Granite
 Grindstone Range Sandstone
 Gylanda, Flat Top
 Ipswich Coal Measures
 Jericho
 Kalladeina
 Kelly Ck Formation
 Lycosa Formation
 Merrimelia Formation
 Mithaka Formation
 Moolayember Formation
 Mt Toondina Formation
 Murteree Shale
 Napperby Formation
 Ninmaroo/Arrintringa Formations
 Pando Formation
 Patchawarra Formation
 Peawaddy Formation
 Peera Peera
 Purni Formation
 Ravendale Formation
 Reids Dome Beds
 Roseneath Shale
 Timbury Hills Formation
 Tinchoo Formation
 Toolachee Formation
 undifferenciaded
 Volcanics
 Warang Sandstone

"formation" values

Aramac Coal Measures
 Arrabury Formation
 Bandanna Formation
 Baralaba Coal Measures
 Betts Creek Beds
 Black Alley Shale
 Blackwater Formation
 Buckabie Formation
 Burunga Formation
 Camboon Volcanics
 Cuddapan Formation
 Cynthia beds
 Daralingie Formation
 Derrah Formation
 Digby Formation
 Dunda beds

" map_symb " values

B
 TrArraCal
 TrTinchG
 CJerO
 TrArraPan
 TrArraWim
 CGrind
 CMrml
 CO
 CODul
 COKal
 COKK
 COLyc
 CONinm
 COPand
 CPGidg
 Dadav

DBuck
 DC
 DCRav
 DEton
 Gr
 NP
 OEtha
 OMith
 PAraCM
 Pbam
 PBand
 PBaraCM
 PBASH
 PBettsCB
 PBlkwtr
 PBurunga
 PCambV
 PCress
 PDara
 PEpsln
 PJJ
 Pmill
 PMToon
 PMToonU
 PMurtree
 PPatch
 PPeaw
 PPurni
 PRdsDB
 Prose
 PTimHF
 PTool
 TrArra
 TrBckCk
 TrClem
 TrCudd

 TrCyn
 TrDerr
 TrDigby
 TrDund
 TrICM
 TrMool
 TrNAPP
 TrNpby
 TrPeera
 TrRew
 TrTinch
 TrTinchD
 TrWrng
 V

"hydr_code" values

Ag
 Ap
 C
 TI
 Tt

"map_symb" values

aquiclude
 aquifer good
 aquifer partial
 aquitard leaky
 aquitard tight

"member" values

Callamurra Member
 Doonmulla Member (U&L)
 Gilpepee Member
 LOWER
 Oakleigh Slst Mbr
 Paning Member
 UPPER SST MEMBER
 Wimmera Sandstone Member

