










Northern Territory 1:250 000 geology map mosaic

























The Northern Territory Geological Survey (NTGS) geology 1:250 000 mosaic is a compilation of the Territory's best available 1:250 000 geology map series raster datasets. The original mapsheets have been published from the 1960s up to 2025 and thus contain a wide range of approaches and were published in various projections and datum.

The current symbology used here is from about 1989, but will still be useful for early maps.

Dyke and Vein






































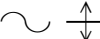
-  Dyke, accurate
-  Sill, accurate
-  Vein, accurate
-  Dyke or vein
-  Dyke or vein, accurate
-  Dyke, approximate
-  Dyke, concealed, reversely magnetic, interpreted from geophysics
-  Dyke, concealed, normally magnetic, interpreted from geophysics
-  Normally magnetised dyke or vein

Fault

-  Fault, accurate
-  Fault, approximate
-  Fault, inferred
-  Fault, concealed
-  Shear zone
-  Mylonite zone
-  Major fault, probable, interpreted from geophysics
-  Minor fault, inferred, interpreted from geophysics
-  Minor fault, probable, interpreted from geophysics
-  Fault, concealed, interpreted from geophysics
-  Fault, inferred, concealed
-  Thrust-fault, accurate. Younger rocks on right
-  Thrust-fault, approximate. Younger rocks on right
-  Thrust-fault, concealed. Younger rocks on right
-  High-angle thrust-fault, inferred. Younger rocks on right
-  Major fault, inferred, interpreted from geophysics
-  Fault
-  Thrust-fault. Younger rocks on right
-  Fault with filling
-  Breccia zone (pseudoconglomerate or tectonic melange)
-  Shear zone, concealed, interpreted from geophysics
-  Fault with breccia
-  Fault, inferred, concealed, interpreted from geophysics
-  Thrust-fault, concealed, interpreted from geophysics. Younger rocks on right

Northern Territory 1:250 000 geology map mosaic








Fold

	Anticline, accurate		Overturned syncline, inferred
	Syncline, accurate		Overturned syncline, concealed
	Syncline, approximate		Recumbent anticline, accurate
	Monocline, accurate		Asymmetrical anticline, accurate; steeper limb on right
	Antiform, accurate		Asymmetrical syncline, accurate; steeper limb on right
	Synform, accurate		Asymmetrical syncline, inferred; steeper limb on right
	Anticline, approximate		Inverted anticline, concealed
	Anticline, inferred		Monocline, approximate
	Anticline, concealed		Monocline, concealed
	Anticline, inferred, concealed		Synform, concealed
	Syncline, inferred		Overturned antiform, accurate
	Syncline, concealed		Overturned antiform, concealed
	Syncline, inferred, concealed		Overturned synform, accurate
	Overturned anticline, accurate		Fold axial surface trace, accurate
	Overturned anticline, approximate		Anticline
	Overturned anticline, inferred		Syncline
	Overturned anticline, concealed		Monocline, inferred
	Overturned syncline, accurate		Asymmetrical anticline, inferred; steeper limb on right
	Overturned syncline, approximate		Inverted anticline, accurate

Fossil

	Fossil locality
	Macrofossil locality
	Microfossil locality
	Trace fossil locality
	Plant fossil locality
	Stromatolite locality
	Vertebrate fossil locality
	Specimen locality

Linear Feature

	Trend-line
	Lineament
	Joint
	Bedding trend, concealed, interpreted from geophysics
	Joint, interpreted from aerial photography
	Joint, accurate
	Lineament, concealed, interpreted from geophysics

Northern Territory 1:250 000 geology map mosaic

Structure

	Strike and dip of strata		Horizontal mineral elongation/alignment
	Strike and dip of strata, proved direction of facing/younging		Plunge of igneous lineation
	Strike and dip of strata, facing/younging not known		Strike and dip of platy alignment/igneous banding
	Vertical strata		Prevailing strike and dip of platy alignment/igneous banding
	Horizontal strata		Vertical platy alignment/igneous banding
	Strike and dip of inverted strata		Horizontal platy alignment/igneous banding
	Strike and dip of strata, dip 5 to 15 degrees		Relative vertical displacement of fault, 'up' side is on right
	Strike and dip of strata, dip less than 5 degrees		Minor anticline showing plunge
	Strike and dip of strata, dip 15 to 45 degrees		Minor syncline showing plunge
	Strike and dip of strata, dip greater than 45 degrees		Minor antiform showing plunge
	Strike and dip of strata, dip not estimated		Minor synform showing plunge
	Relative displacement of fault		Minor fold showing plunge
	Striated slickensides of fault		Asymmetrical minor fold showing plunge
	Vertical strata, facing/younging not known		Kink fold showing plunge
	Prevailing strike and dip of strata		Locality of superposed folds
	Vertical strata, proved direction of facing/younging		Minor fold showing dip of axial surface (left)
	Strike and dip of inverted strata, proved direction of facing/younging		Minor fold showing dip of axial surface (right)
	Curving dip		Vergence to right in upright/overturned/vertical/reclined plunging fold
	Dip slope		Vergence to left in upright/overturned/vertical/reclined plunging fold
	Generalised strike and overall dip of crumpled/undulating strata		Vertical foliation
	Overall dip of strongly deformed strata		Horizontal foliation
	Facing of beds/top of bed		Strike and dip of late stage schistosity associated with retrograde metamorphism
	Facing of lava flows/facing of pillow lavas		Strike and dip of mylonite foliation (c - plane)
	Direction and sense of movement of sediment-bearing currents		Strike and dip of foliation, first deformation episode
	Direction of movement of sediment-bearing currents, sense not known		Vertical foliation, first deformation episode
	Glacial striae, sense of movement not known		Plunge of fold axis
	Strike and dip of joint		Dip of shear zone
	Strike and dip of joint, accurate		Minor fold showing strike and dip of axial surface and coincident foliation (left)
	Prevailing strike and dip of joint		Dip of fold axial surface
	Vertical joint		Minor fold showing strike and dip of axial surface and coincident foliation
	Strike and dip of foliation		Minor fold showing strike and dip of axial surface and coincident foliation (right)
	Prevailing strike and dip of foliation		Minor fold showing crenulation hinge parallel to fold plunge
	Strike and dip of foliation, dip indeterminate		Shear zone
	Strike and dip of cleavage		Breccia zone
	Prevailing strike and dip of cleavage		Strike and dip of foliation, second deformation episode
	Vertical cleavage		
	Strike and dip of second cleavage		
	Plunge of lineation		
	Horizontal lineation		
	Plunge of bedding-cleavage intersection		
	Plunge of crenulation		
	Horizontal crenulation		
	Plunge of mineral elongation/alignment		