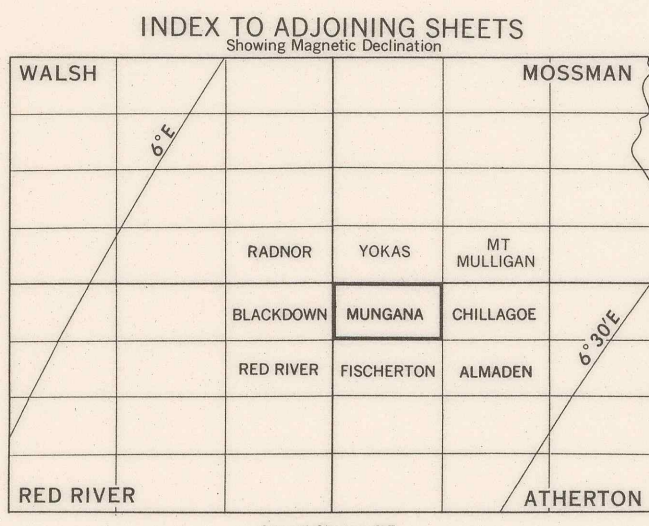


Reference	
QUATERNARY	
Qa	Alluvium and soil
Czs	Sand derived from K/W
LOWER CRETACEOUS	
K/W	Sandstone, conglomerate, some shale
PALEOZOIC - MESOZOIC	
(LOWER TRIASSIC?) - UPPER PERMIAN	
Undifferentiated Granites	Granite or vein (Predominantly air-photo interpretation) and andalusite, d - dolerite, a - quartz, qp - coarse quartz-feldspar porphyry, f - rhyolite
Elizabeth Creek Granite	Granite with dolerite, muscovite-biotite granite, coarse pink granite
Featherbed Volcanics	Pale pink to grey, medium-grained biotite and quartz
Almaden Granite	Grey, biotite-hornblende and quartzite
Almaden Granite?	Biotite-hornblende and quartzite and hypersthene-quartz diorite
Herbert River Granite	Pale pink to grey, medium-grained biotite and quartz, with hornblende
Nychum Volcanics	Grey ignimbrite and pyroclastic basal agglomerate
Doolan Creek Rhyolite	Grey or greenish, porphyritic rhyolite and dolerite
PERMIAN ?	
Undifferentiated Volcanics	Grey, pink or dark, porphyritic micro-andesite
LOWER DEVONIAN (UPPER SILURIAN ?)	
Mount Garnet Formation	Quartz greywacke, siltstone, with subordinate chert, conglomerate, sandstone and sedimentary breccia
(LOWER DEVONIAN ?) - UPPER SILURIAN	
Chillagoe Formation	Massive reef limestone
	Limestone breccia or conglomerate
	Bedded chert
	Conglomerate
	Quartz greywacke, siltstone, sandstone, some mudstone
	Basic volcanics
	Quartz sandstone, quartz siltstone
ARCHAEOAN?	
Dargalong Metamorphics	Muscovite granite, non-foliated
	Predominantly pegmatite and granitic gneiss
	Predominantly quartz-mica schist with quartzite
	Predominantly mica schist
	Amphibolite

Compiled and published by the Bureau of Mineral Resources, Geology and Geophysics, Department of National Development, in conjunction with the Geological Survey of Queensland. Topographic base compiled by the Division of National Mapping, Department of National Development. Aerial photography by the Royal Australian Air Force, complete vertical coverage at 1:50,000 scale. Transverse Mercator Projection.

Geology, 1958, by F. de Keyser and M.B. Bayly (B.M.R.), K.W. Wolff (Q.G.S.)
Compiled, 1962, by F. de Keyser and K.W. Wolff
Drawn by Drafting Section, Department of Mines, Queensland.



Scale

1 Mile to 1 Inch

1 Kilometre

1 Mile

1 Kilometre

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GEOLOGICAL RELIABILITY DIAGRAM

Scale 1:1000

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DIAGRAMMATIC RELATIONSHIP OF ROCK UNITS

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MUNGANA
SHEET 54 ZONE 7

Copies of this map may be obtained from the Bureau of Mineral Resources, Geology and Geophysics, Canberra, A.C.T., or the Geological Survey of Queensland, Brisbane.