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Map Reliability

Topographic information checked from 1997 satellite imagery, and supplemented using other sources in 1997. This map was not field checked and some information may not be accurate.

About the NATMAP Series

Geoscience Australia produces over 500 maps at 1:250 000 scale in this NATMAP series which covers Australia. They are used by professional and recreational users and are available both flat and folded. A corresponding data product, GEODATA TOPO- 250K is also available.

Your Feedback is Welcome

*If you discover errors or omissions on the map,
please let us know via the map amendments page
on our web site or send your annotated map to us.
We will replace your map with the*

*We value your assistance for the next edition.
e-mail: mapfeedback@ga.gov.au*

Acknowledgments

Geoscience Australia gratefully acknowledges contributions to map content. Information is supplied by the Australian Government, State and local governments, private sector agencies and individuals. A comprehensive list is available from our web site.

Contact

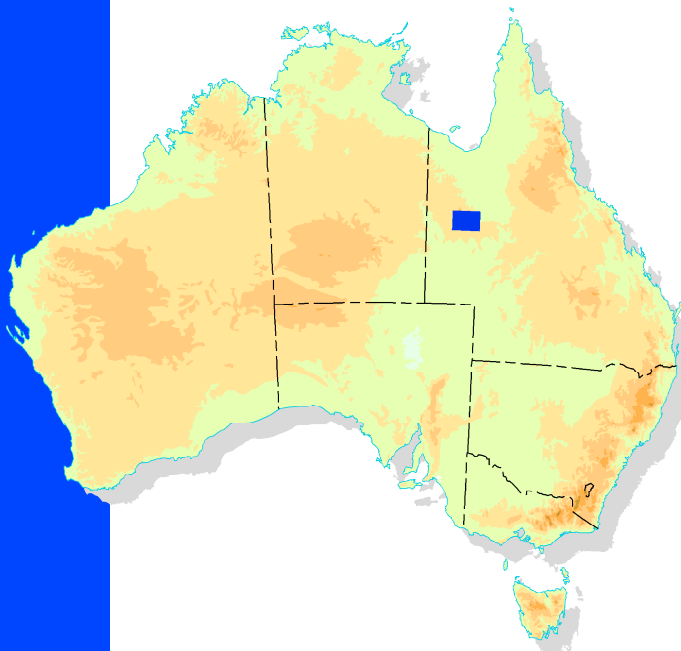
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The Australian Government agency providing
SPATIAL INFORMATION FOR THE NATION



NATMAP 1997
TOPOGRAPHIC MAP
1:250 000 SCALE (1cm to 2.5km)

Duchess
QUEENSLAND



The map displays the Shire of Council areas within the Mount Isa region. The areas are defined by colored borders and labeled as follows:

- MOUNT ISA SF54-01**: Located in the top left, with the label "Mount Isa" below it.
- CLONCURRY SF54-02**: Located in the top middle, with the label "Cloncurry" below it.
- JULIA CREEK SF54-03**: Located in the top right, with the label "Julia Creek" below it.
- URANDANGI SF54-05**: Located in the middle left.
- DAUCHESS SF54-06**: Located in the center, with the label "Dauchess" below it.
- McKINLAY SF54-07**: Located in the middle right.
- GLENORMISTON SF54-09**: Located in the bottom left.
- BOULIA SF54-10**: Located in the bottom middle, with the label "Boulia" below it.
- MACKUNDA SF54-11**: Located in the bottom right.

The map also shows major roads (red lines) and geographical features (blue lines and areas), including the Gulf of Carpentaria and the Gulf of Tazewell.



About this Map

Projection.....Map Grid of Australia 1994 [MGA94]
..... Universal Transverse Mercator on GRS80 ellipsoid
Horizontal Datum.....Geocentric Datum of Australia 1994 (GDA94)
..... equivalent to WGS84
Vertical Datum.....Australian Height Datum (AHD)
Horizontal Accuracy..... +/- 140 metres
Vertical Accuracy..... +/- 25 metres
Elevations in metres; 50 metre contour interval

True North (TN), Grid North (GN) and Magnetic North (MN) are shown diagrammatically for the centre of the map

MN is correct for 1998 and moves easterly by less than 0.1° in 10 years

How to Quote a Grid Reference for a Particular Point

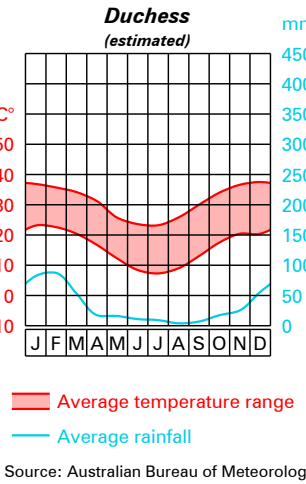
Blue numbers on the map grid lines are 10 000 metre intervals

Example: Webbs Yard

1. Quote this map..... Duchesne
2. Read letters identifying 100 000
metre square containing the point..... VB
3. Locate the vertical grid line to the
left of the point and read large
number on the grid line..... 1
4. Estimate tenths from the grid
line to the point..... 2
5. Locate the horizontal grid line
below the point and read large
number on the grid line..... 1
6. Estimate tenths from the grid
line to the point..... 6

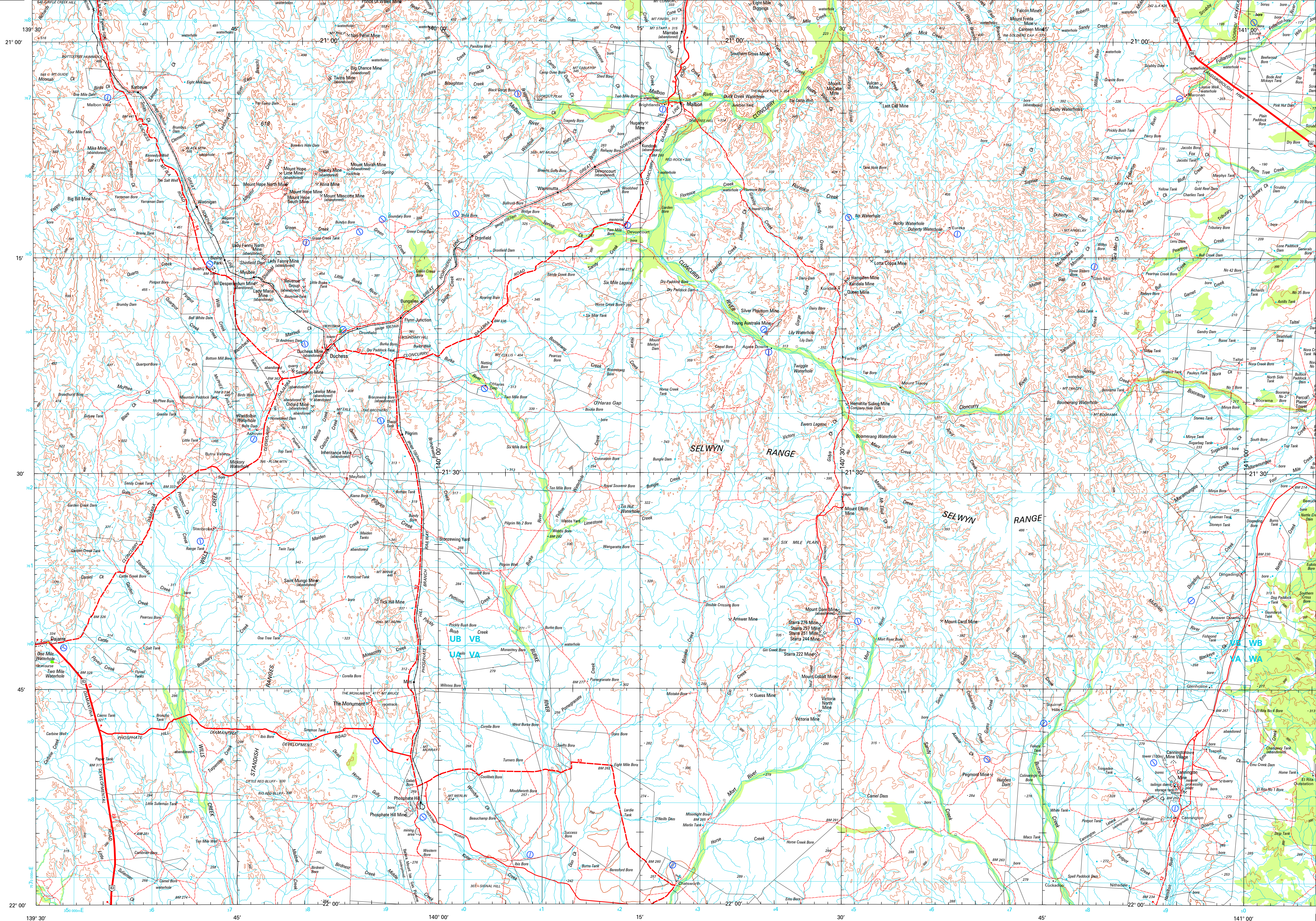
Thus the reference for ☐ Webbs Yard
is..... Duchess VB1216

Climatic Graph



Legend

Dual carriageway; Distance in kilometres.....	
Principal road; Locality; Built-up area.....	
Secondary road; Bridge; Causeway.....	
Minor road (access & condition not assured).....	
Vehicle track (access & condition not assured).....	
Route marker: National, State.....	
Gate; Stock grid.....	
Embankment; Cutting.....	
Landing ground; Airport; Helipoint.....	
Multiple track railway; Station or siding.....	
Single track railway; Bridge; Tunnel.....	
Powerline (110 kV and over).....	
Homestead; Building/s; Ruin.....	
Chimney; Silo; Tower.....	
Fence; Levee; Open cut mine.....	
Mine; Windpump; Yard.....	
Contour with value; Depression contour.....	
Horizontal contour point; Spot elevation.....	
Sand; Sand dunes.....	
Sand ridges; Pinnacle; Cliff.....	
Forest, wood or shrub land; Rainforest.....	
Plantation; Urban recreation parkland.....	
Orchard or vineyard; Windbreak.....	
Bore or well; Spring; Tank or small dam.....	
Watercourse (presence of water not implied).....	
Subject to inundation; Swamp.....	
Lake: Perennial, Non-perennial; Waterhole.....	
Wreck: Submerged, bare or awash.....	
Foreshore flat; Lighthouse.....	
Shoal; Tidal ledge or reef; Mangrove.....	
Rock: Submerged, bare or awash; Breakwater.....	
Jetty or pier; Wharf; Saline coastal flat.....	
State or Territory border.....	
Reserved area boundary.....	
Prohibited area boundary.....	



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SCALE 1:250 00

Kilometres 0 5 10 15 20 25 30 35 40 45 50 Kilometres

DUCHESS SF54-06
QUEENSLAND, EDITION 2