

# CHUUK

## GENERAL GEOLOGY

### SEDIMENTARY UNITS

- BEACH DEPOSITS AND LOAMY CALCAREOUS SAND ON HIGH ISLANDS
- MANGROVE SWAMP DEPOSITS, UNCONSOLIDATED MUCK AND PEAT, WITH CALCAREOUS SAND LOCALLY
- FRESHWATER MARSH DEPOSITS, UNCONSOLIDATED MUCK AND PEAT
- CALCAREOUS DEPOSITS (LOW-ISLANDS IN THE LAGOON AND ON THE BARRIER REEF)
- EARTH FILL, LARGELY CLAY AND CRUSHED ROCK

### VOLCANIC UNITS

- GABBRO-RICH BRECCIA (ONLY ON UDOT)
- VOLCANIC BRECCIA OF ANGULAR BLOCKS IN MATRIX OF TUFF AND ANGULAR DEBRIS (BASALT AND ANDESITE; TRACHYTE ON UDOT)
- VOLCANIC CONGLOMERATE OF PEBBLES, COBBLES, BOULDERS (BASALT AND ANDESITE)
- UNDIVIDED VOLCANIC ROCKS, CHIEFLY BASALTIC AND ANDESITIC LAVA FLOWS
- ANDESITE LAVA AND AUTOBRECCIA
- TRACHYTE LAVA AND AUTOBRECCIA
- BASALT LAVA AND AUTOBRECCIA, MOSTLY OLIVINE BASALT
- NEPHELINE BASALT LAVA
- MELILITE-NEPHELINE BASALT LAVA
- TUFF, LARGELY LAPILLI TUFF, ALTHOUGH THIN BEDS OF FINE-GRAINED TUFF OCCUR IN A FEW PLACES

SHORELINE  
REEF  
LAGOON

0 2.5 5 km  
0 2.5 5 miles



Created by  
**IREI** Island Research & Education Initiative (IREI)  
[www.islandresearch.org](http://www.islandresearch.org)

**WERI** Water and Environmental Research Institute of the Western Pacific (WERI)  
[www.weriguam.org](http://www.weriguam.org)



Chief editor  
Co-editor  
Controller  
Advisors

Programmer  
Cartographer  
Reviewers

Supported by



Danko Taboroši  
Maria Kottermair  
Snyther Biza  
John W. Jenson  
Myeong-Ho Yeo  
Ibrahim Mohammed  
Jan Rykr  
Brad Mori  
Curtis Graham  
Douglas Marar

National Government of the Federated States of Micronesia

US Geological Survey  
WRI 104-B Program (2020)

[www.islands.fm/atlas](http://www.islands.fm/atlas)

☆ Data used in this atlas are from a variety of sources. They include IREI, USGS, NOAA, USDA-NRCS/USFS, UOG, PDC, TNC, Chuuk EPA, Chuuk HPO, and the governments of FSM and Chuuk State. For the specific data used in this map, please see [www.islands.fm/atlas/sources](http://www.islands.fm/atlas/sources)

! This map is for educational and awareness purposes only. It contains no definitive positional or attribute information. See the full disclaimer at [www.islands.fm/atlas/disclaimer](http://www.islands.fm/atlas/disclaimer)

✉ IREI  
PO Box PS 303  
Palikir, Pohnpei  
FM 96941

[irei@islandresearch.org](mailto:irei@islandresearch.org)  
[www.islandresearch.org](http://www.islandresearch.org)

[www.facebook.com/irei.micronesia](https://www.facebook.com/irei.micronesia)  
[www.youtube.com/user/IREIvideos](https://www.youtube.com/user/IREIvideos)



Location:  
Rectangle indicates the Federated States of Micronesia.  
Red dot indicates the location of the island shown on the main map.



UTM\_56N  
GCS\_WGS\_1984



Last updated:  
09/2020

