



Note: Dolomite in NW part of this quadrangle is much more sandy than typical upper Cotter.

Gray coarsely banded chert nodules (6')

800± Oe  
750± Opw  
Oc

U  
D  
Here there are more than one honeycomb chert layers

700 Oe  
Opw

800 Oe  
Opw

U  
D

Opw  
Opw

Oe  
Opw

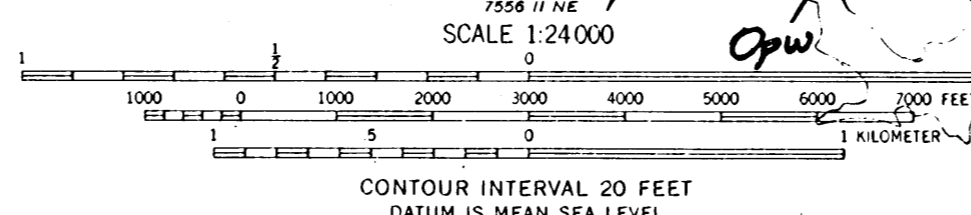
T. 19 N.  
T. 18 N.  
70000 FEET

Opw  
Oe

Opw  
Oe

Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1964. Field checked 1966  
Polemic projection. 1927 North American datum  
10,000-foot grid based on Arkansas coordinate system, north zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue  
Areas covered by dashed light-blue pattern  
are subject to controlled inundation  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1966 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

RECONNAISSANCE GEOLOGIC MAP OF THE ELIZABETH QUADRANGLE, ARKANSAS

Compiled from field observations and subsurface data by Ernest E. Glick, U. S. Geological Survey, in cooperation with the Arkansas Geological Commission. This map was compiled during the preparation of the Geologic Map of Arkansas, 1970; it may be revised extensively when new data become available.

Oe  
Everton Fm.  
Opw BL  
Powell Dol.  
(BL=Black Ledge  
Member)  
Oc  
Cotter Dol.

Sink? -  
sandy  
non-sandy  
chert gravel

Note: Unusual amount  
of sand in  
east-central part  
of this quadrangle  
is topographically  
lower than the  
sand to the north  
and south. Solution  
let-down may be  
involved.

Structure  
contours drawn  
on the base of  
the Everton  
Formation.  
Dashed where  
an unusual  
amount of  
solution let-down  
may be involved.

ROAD CLASSIFICATION  
Light duty  
Unimproved dirt  
Slate Route  
E.E. Glick USGS, 1971  
ELIZABETH, ARK.  
N 3615 W 9200/7.5  
1966  
AMS 7556 1 SE-SERIES V884