UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF THE INTERIOR
ORLANDO R. MÉNDEZ, COMMISSIONER

PUERTO RICO
CIALES QUADRANGLE
7½-MINUTE SERIES

(Barceloneta)
MANATÍ (EMP. C. NO. 2) 6.5 KM.
EMP. C. NO. 2 8.6 KM.
EMP. C. NO. 2 9.3 KM.
(Vega Alta)
(Manatí)

(Jayuya)
(Barranquitas)

Mapped by the Geological Survey
1943

TRUE NORTH
MAGNETIC NORTH
5½°
APPROXIMATE MEAN DECLINATION, 1943

Scale 1/30000
1 .5 0 1 2 3 Kilometers
1 ½ 0 1 Mile
500 0 500 1000 1500 2000 2500 Yards
1000 0 1000 2000 3000 4000 5000 6000 7000 Feet
Contour interval 10 meters
Datum is mean sea level

ROAD CLASSIFICATION
1946
Dependable hard-surface heavy-duty road
Secondary hard-surface all weather road
Dry weather roads
Loose-surface graded
Unsurfaced, graded
Dirt road
State Route (26)
More than two lanes indicated along road with tick at point of change 3 LANE 4 LANE

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

Polyconic projection. Puerto Rican datum
5000 yard grid based on U. S. zone system, St. Thomas
2000 meter grid based on Puerto Rico rectangular coordinate system

Barrio and municipality boundaries by the Puerto Rico Planning, Urbanizing, and Zoning Board

CIALES, P. R.
Edition of 1946

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