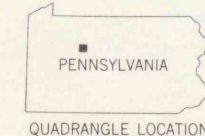


Maped, edited, and published by the Geological Survey  
Control by USGS and US&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1968. Field checked 1970  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Pennsylvania coordinate system, north zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1970 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000  
CONTOUR INTERVAL 20 FEET  
DATUM IS MEAN SEA LEVEL



ROAD CLASSIFICATION  
Primary highway, hard surface  
Secondary highway, hard surface  
Unimproved road  
Interstate Route  
U. S. Route  
State Route

CARMAN, PA.  
SE/4 HALLTOWN 15' QUADRANGLE  
N4115-W7845/7.5  
1970  
AMS 5266 IV SE-SERIES V831

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER  
SAM 3-8-2

0815

Geol. Feat.  
Blue Rock  
Elk Lick Bluff  
O (1,2)

S.G.L.  
#44  
#54

H. (A) Williams Run (C)  
(A) Carman Run (C)  
(A) Marion Run (C)

Crit. Hab.  
Sugar Hill School  
Fossil Site

EV  
stream

3-8-2