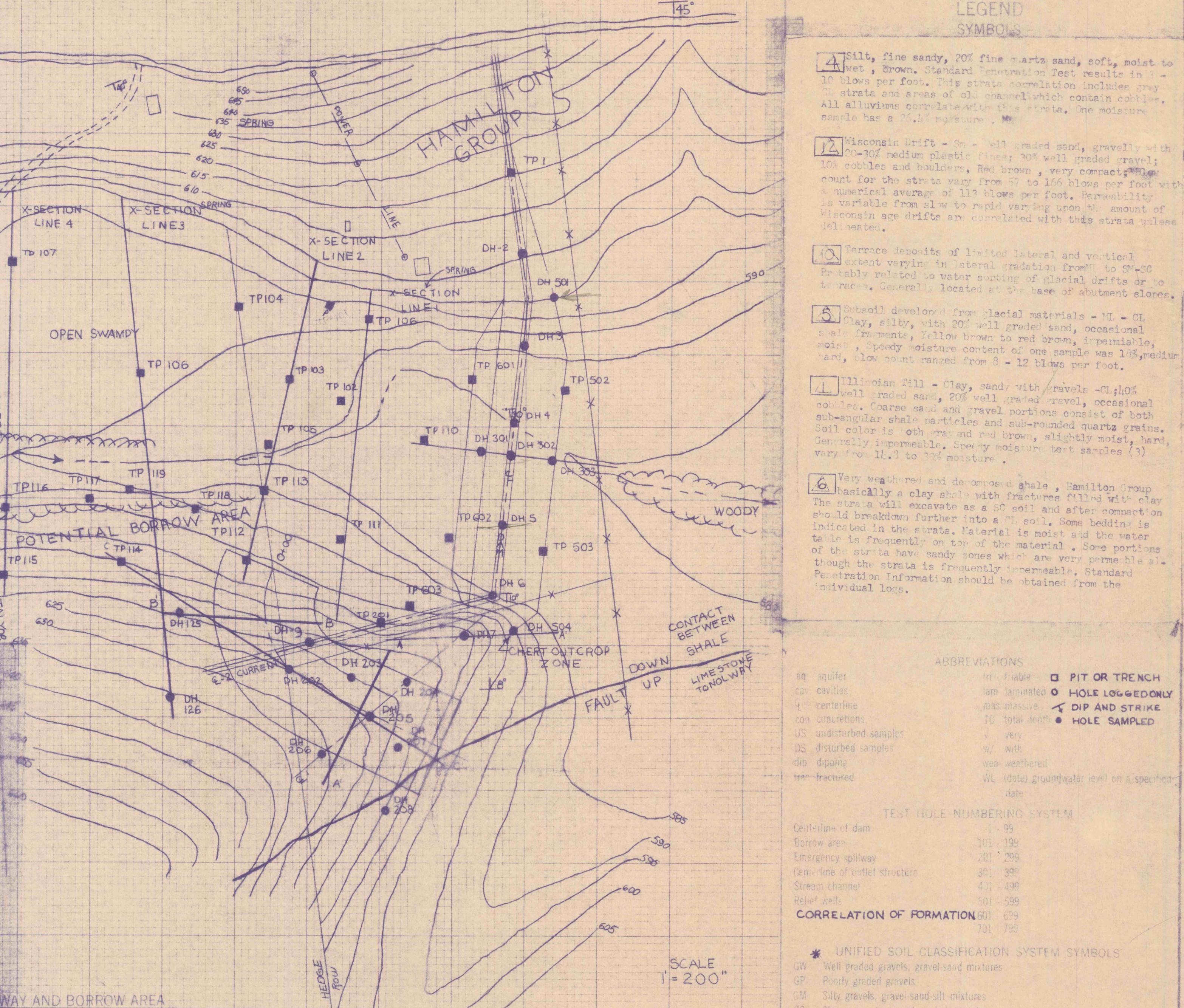


#### SUPPLEMENTARY MAP AND PLAN LEGEND

- Tonolway (?) Limestone Formation  
Hamilton Group (Marcellus Formation)  
Chert  
1/ Leverett, Frank; Glacial Deposits Outside the Wisconsin Terminal Moraine in Penna. Bul 2-7, 1931.

Illinoian Till - grades from a sandy clay (CL) to a clayey sand (SC), hard. Associated cobbles are two feet thick layer of (ML-CL) silty clay soil overlying the H.G. The color is characteristically reddish orange brown although some portions of the material are gray.

Alluvium overlying drift  
1/ Leverett's 1/ identification of various sediment features in the watershed. The site is within the upper elevations of the valley limit and possibly represents either a transition or source of these deposits. The soil varies from a sand to gravel in gradation, contains both sub-rounded and sub-angular particles, and ranges from a trace to 30% fine grained material.



* UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOLS	
GW	Well graded gravels; gravel-sand mixtures
GP	Poorly graded gravels
GM	Silty gravels; gravel-sand-silt mixtures
GC	Clayey gravels; gravel-sand-clay mixtures
SW	Well graded sands; sand-gravel mixtures
SP	Poorly graded sands
SM-1	Silty coarse sand
SM-2	Silty fine sand
SC	Clayey sands; sand-clay mixtures
MU	Silts; silty, very fine sands; sandy or clayey silts
CL-1	Clays of low plasticity; silty, sandy or gravelly clays
CL-2	Clays of medium plasticity; silty, sandy or gravelly clays
CH	Clays of high plasticity; fat clays
MH	Elastic silts; micaceous or diatomaceous silts
OL	Organic silts and organic silty clays of low plasticity
OH	Organic clays or silts of medium to high plasticity

#### \* CLASSIFICATION BY VISUAL FIELD METHODS

#### PLAN AND PROFILES FOR GEOLOGIC INVESTIGATIONS

PA-497

BRIAR CREEK WATERSHED  
COLUMBIA COUNTY, PENNA.

U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

Investigated by T.A. DUMPER the Geologist	Date
Approved by Date	
Checked by G.C. JOHNSON DRAWN BY F.D. DiDato	Date
Sheet Drawing No No 1 of 4	

