

LEGEND

- PLEISTOCENE RECENT
- 8 Recent and modern stream alluvium; gravel, sand, silt, clay
- WISCONSINAN
- 7 Bog and swamp deposits: peat, muck, and marl
  - 6 Lacustrine, silt and clay
  - 5 Outwash sand: well sorted, fine to coarse texture
  - 4 Outwash gravel: well sorted, fine to medium texture
  - 3 Kame sand: poorly to well sorted, fine to coarse texture
  - 2 Kame gravel: poorly to well sorted, fine to coarse texture
  - 1 Till, undifferentiated: silty to clayey west of Kitchener in Waterloo moraine; silty to sandy in Easthope moraine northwest of New Hamburg
    - 1A. Catfish Creek Till: sandy to silty stony till
    - 1C. Gritty, clayey silt till
    - 1D. Silty clay till
    - 1H. Clay till
    - 1M. Clay till
    - 1N. Silty to sandy till
    - 1P. Silty to clayey till
    - 1S. Sandy silt till
    - 1T. Gritty silt till
    - 1W. Sandy to silty till

Till sequence as presently known

Southwest quadrant	Northwest quadrant	Northeast quadrant	Southeast quadrant
N	N	W	W
M	D	C	P
S	C	P	A
T	B	A	
H	A		
A			

Pre-Catfish Creek Tills

Sand or gravel pit, active or inactive . . . . . x  
Deposits less than three feet thick are not shown on this map

ADDITIONAL SOURCES OF INFORMATION

- Bedrock geology: J. F. Caley, 1941, Paleozoic geology of the Brantford area, Ontario; Geol. Surv. Can. Mem. 226
- Physiography: L. J. Chapman, and D. F. Putnam, 1966, The physiography of southern Ontario; Ontario Research Foundation reports of Ontario soil survey for Oxford, Wellington, Waterloo, and Perth counties
- Soils: National Air Photo Library, Ottawa, Ontario; Ontario Dept. of Lands and Forests, Downsview, Ontario

Geology by P. F. Karrow 1965-1968

To accompany GSC Paper 70-34 by P. F. Karrow

Geological cartography by the Geological Survey of Canada

Base-map at the same scale published by the Army Survey Establishment, R. C. E. 1952

Approximate magnetic declination 1970, 06° 42' West, increasing 1.3' annually

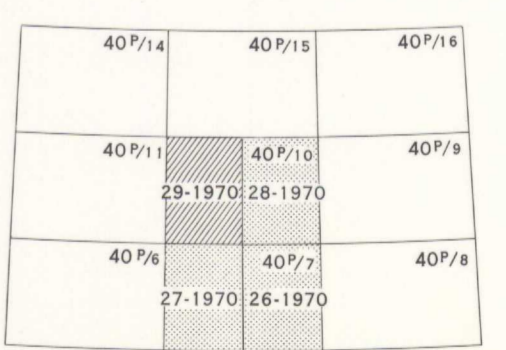
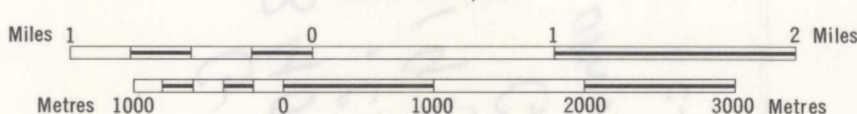
Elevations in feet above mean sea-level

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MAP 29-1970  
PAPER 70-34  
GEOLOGY  
**CONESTOGO**  
(West Half)  
ONTARIO

Scale 1:50,000



NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX  
TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS  
**CONESTOGO**  
ONTARIO