GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

PRELIMINARY SERIES

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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 . . . . . ×
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
Soils:	reports of Ontario soil survey for Oxford, Wellington, Waterloo, and Perth counties
Air photos:	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° 58' West, increasing 1.3' annually

Elevations in feet above mean sea-level

INDEX MAP

MAP 28-1970
PAPER 70-34

GEOLOGY

CONESTOGO

(East Half)

ONTARIO

Scale 1:50,000

Miles 1 0 1 2 Miles

Metres 1000 0 1000 2000 3000 Metres

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO GEOLOGICAL SURVEY OF CANADA MAPS

CONESTOGO
ONTARIO

This map has been produced from a scanned version of the original map
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