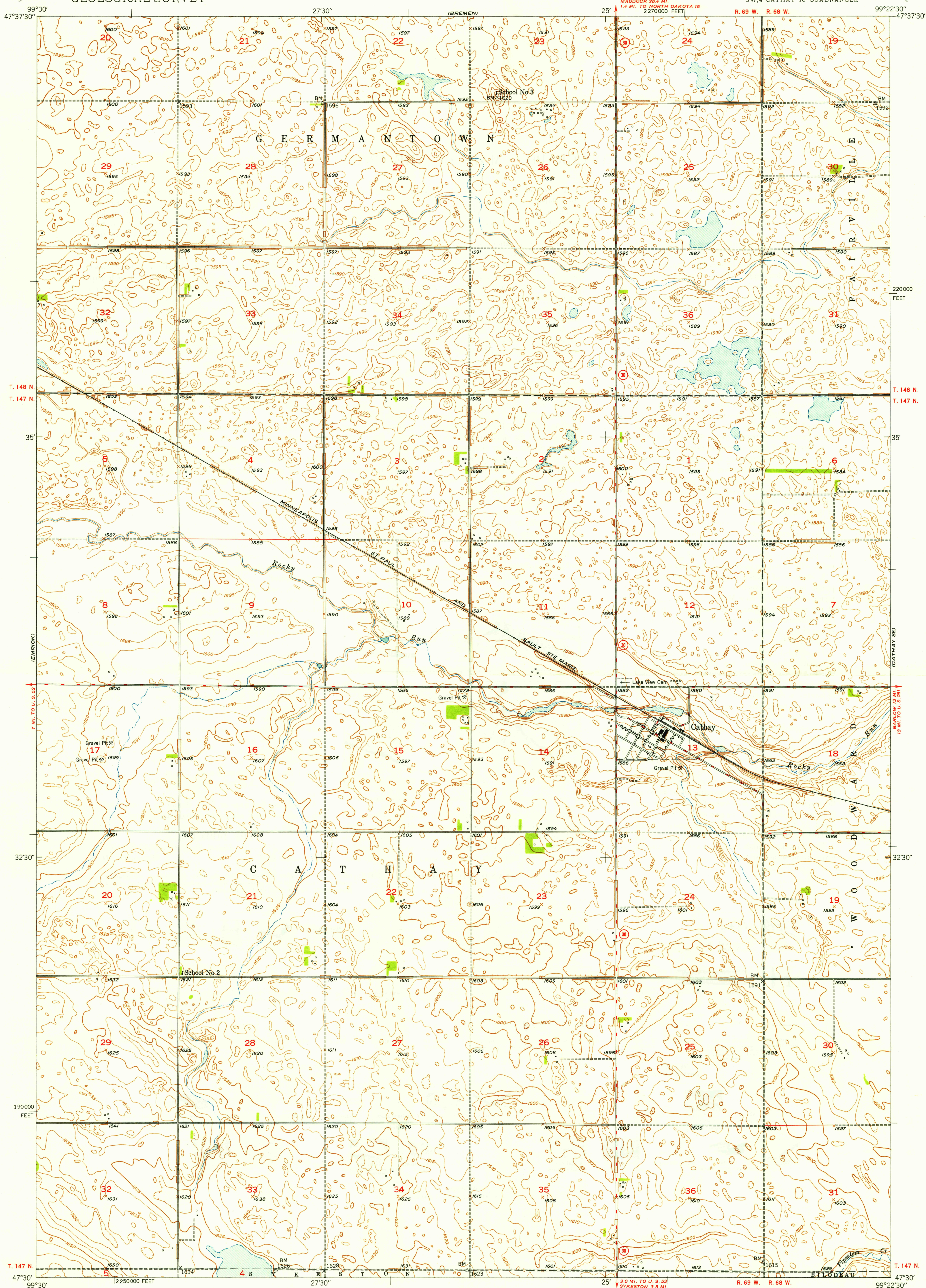


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

CATHAY QUADRANGLE  
NORTH DAKOTA—WELLS CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
SW/4 CATHAY 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey  
as part of the Department of the Interior program  
for the development of the Missouri River Basin  
Control by USGS and USC&GS  
Culture and drainage in part compiled from  
aerial photographs taken 1940-1941  
Topography by plane-table methods 1948  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on North Dakota coordinate system,  
north zone

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1948

SCALE 1:24000  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100  
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 5 10 15 20 25 30 35 40 45 50 KILOMETER  
CONTOUR INTERVAL 5 FEET  
DATUM IS MEAN SEA LEVEL  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.

USGS  
Historical File  
Topographic Division

U.S.G.S.  
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Inspection and Editing

ROAD CLASSIFICATION  
HARD-SURFACE ALL WEATHER ROADS DRY WEATHER ROADS  
Heavy-duty ———— 4 LANE 16 LANE Improved dirt ————  
Medium-duty ———— 4 LANE 16 LANE Unimproved dirt ————  
Loose-surface, graded, or narrow hard-surface ————  
U. S. Route State Route

CATHAY, N. DAK.  
SW/4 CATHAY 15' QUADRANGLE  
N4730—W9922.5/7.5  
EDITION OF 1949

OCT 3 1949