

Village of Hollandale
Iowa County

January 6, 1977

Dodge Branch - Surface Area = 31.2 Miles, Miles = 2.0, Gradient - 15.4 feet per mile.

Dodge Branch flows southeasterly as a spring fed tributary of the East Branch of the Pecatonica River. Its base flow amounts to slightly over 50 percent of that of the East Branch of the Pecatonica River as the latter is measured just above the Iowa-Lafayette County line. Its fairly low gradient does not alleviate flooding which is one of its most serious problems, principally because over 85 percent of its watershed area is farmed. Beef cattle grazing is one of the chief agricultural uses of the land in this respect. It has the third largest watershed area of any stream system which lies wholly within the county. Principal tributaries include the Blotz, Conley-Lewis, Gribble, Lynch, Simmons, and Whitford Creeks. The combined volume of flow of these streams is equal to about 56 percent of the total base flow of Dodge Branch. The largest spring in the county (Ryans Spring - 2.6 cfs) is located about one-quarter mile from the mainstem and has been enlarged to form a trout pond.

Waterfowl and marshland furbearers utilize the stream throughout its length but are most common in the lower sections of the stream. Muskrats and raccoons are particularly common near the mouth. The principal species comprising the sport fishery are smallmouth bass, bullheads and green sunfish, but brown trout are found in the middle one-third of its length where several spring fed tributaries enter. Brown trout are stocked in this section on an annual basis. Catfish have been stocked by local sportsmen but their success has not been proven. Seining surveys show that the forage fish population includes bluntnose and stoneroller minnows, redhorse, white and hognose suckers, hornyhead and creek chubs, johnny darters, creek chubs, common shiners, redbelly dace and stonecats. There are at least nine farm ponds and three private fish hatcheries in the watershed. Besides serving as erosion control structures they support trout and largemouth bass-panfish populations which further contribute to fishery resources of the basin. There are no public lands but it is accessible from 10 road crossings.

Recommendations

From the Hollandale discharge and for the remainder of the Dodge Branch the classification should be continuous fish and aquatic life.

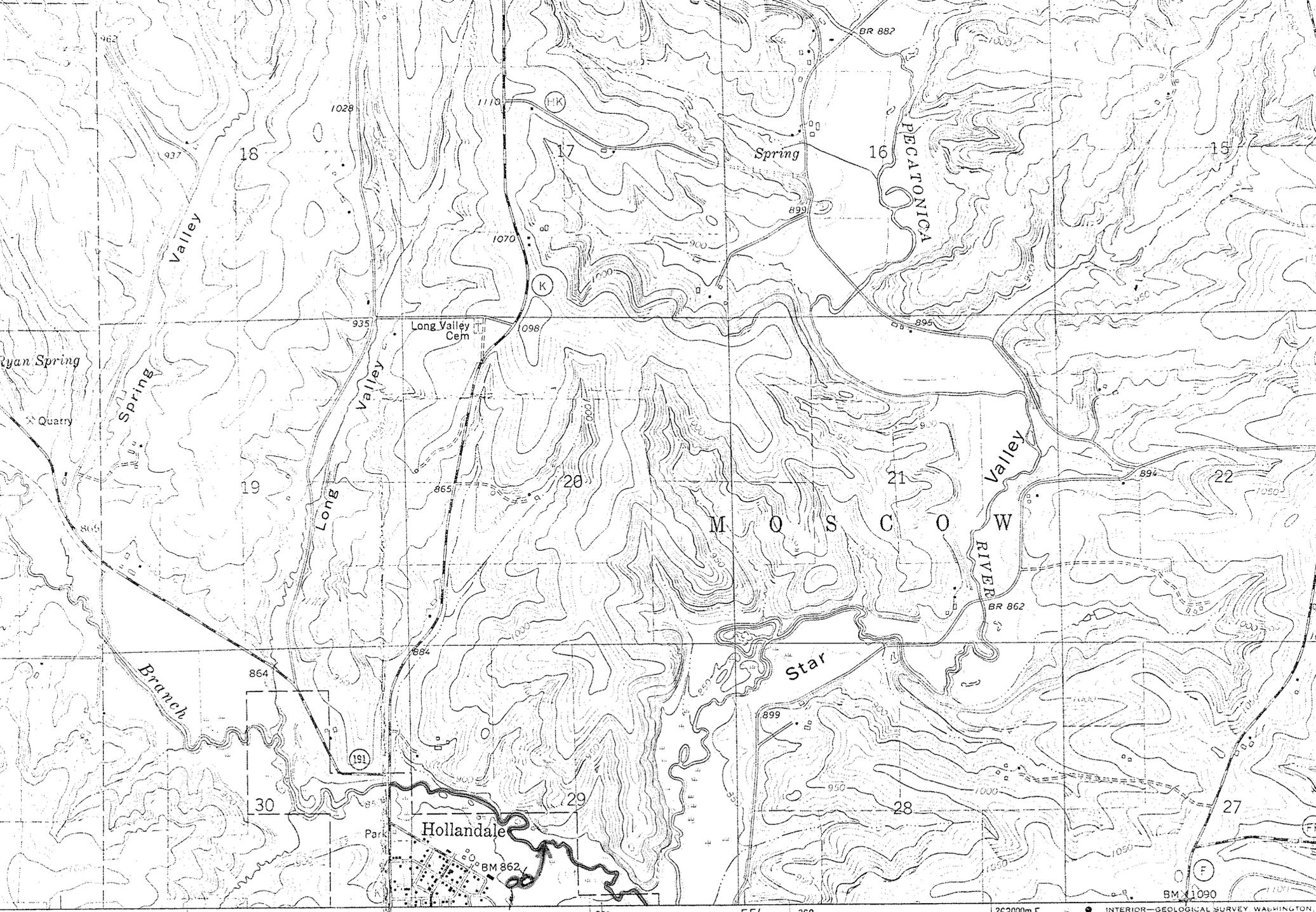
The above recommendations represent a concurrence of opinion of the stream classification team who are as follows:

Jerry Friederichs - District Engineer
Gene Van Dyck - Area Fish Manager
Tom Bainbridge - District Biologist
Roger Schlessler - Natural Resources Technician

Respectfully submitted,


Thomas Bainbridge
Stream Classification Coordinator

RS:js



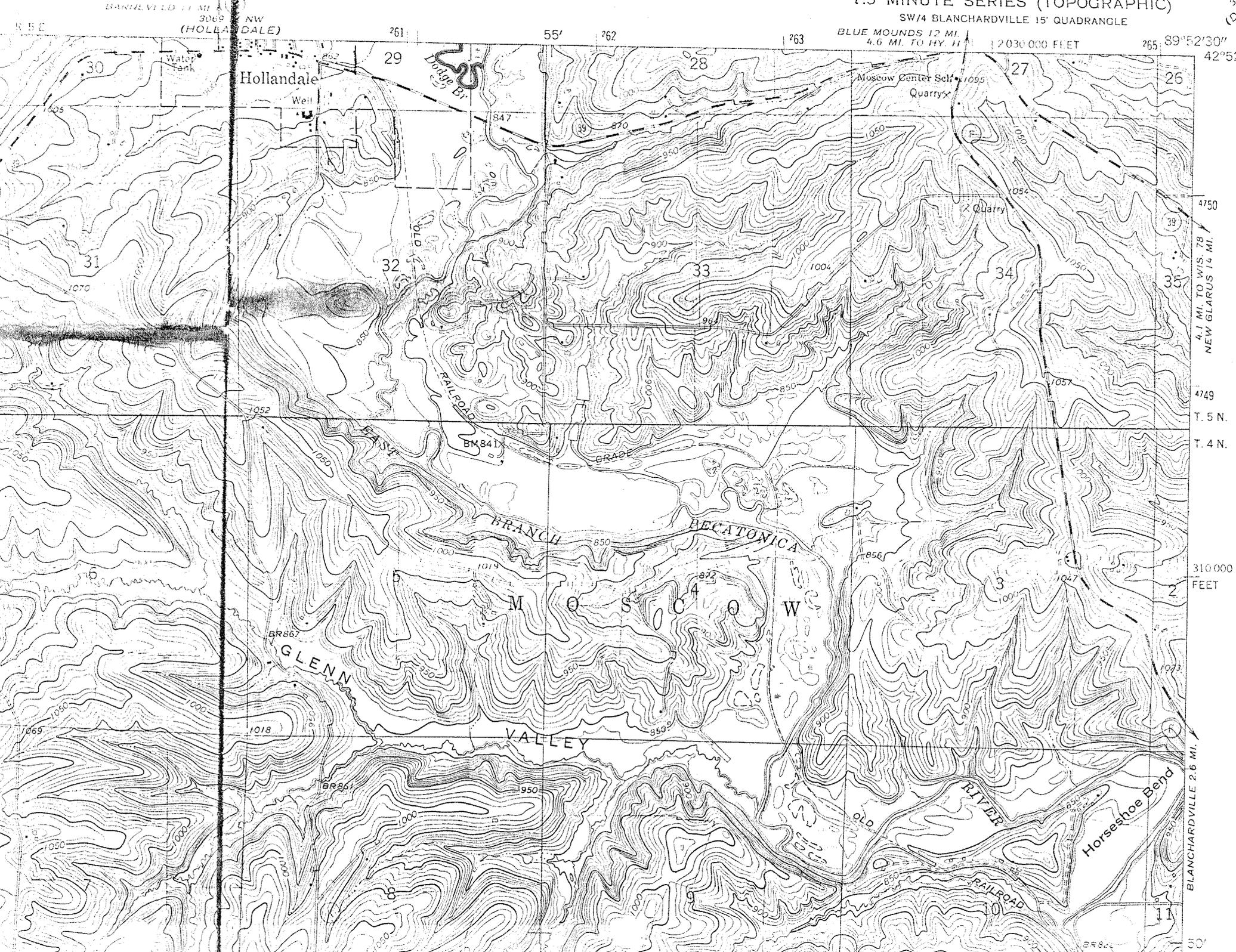
R. 4 E 57'30" R. 5 E. (YELLOWSTONE LAKE) 3069 IV SW 5 MI. TO HY. F BLANCHARDVILLE (VIA HY. F) 8 MI. 261 262 263000m E. INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, BLANCHARDVILLE 5

SCALE 1:24 000



ROAD CLASSIFICATION

Heavy duty Medium duty Light-duty Unimproved



HOLLANDALE (HOLLANDALE) NW

261 55' 262 263

SW/4 BLANCHARDVILLE 15' QUADRANGLE

BLUE MOUNDS 12 MI.
4.6 MI. TO HY. 11

2030 000 FEET
265 89°52'30"
42°5'

Hollandale

29 Dodge Br

28

27

26

Moscow Center Sch. Quarry

Well

32

33

34

35

RAILROAD

GRADE

BM 841

BRANCH

BEATONICA

M O S C O W

BR 867
GLENN

VALLEY

BR 866

8

9

OLD RIVER

Horseshoe Bend

RAILROAD

11

4.1 MI. TO WIS 78
NEW GLARUS 14 MI.

4749
T. 5 N.
T. 4 N.

310 000
FEET

BLANCHARDVILLE 2.6 MI.