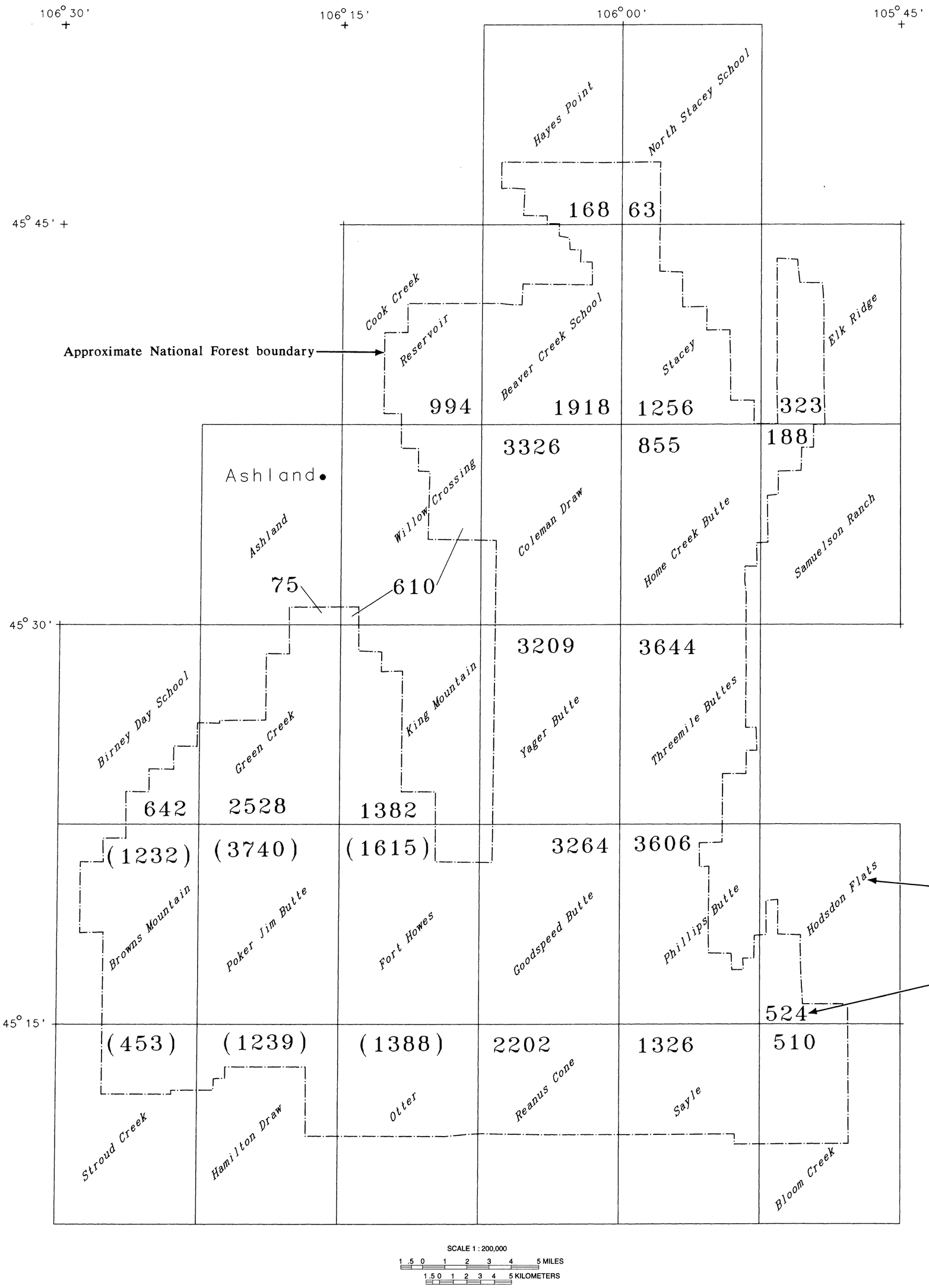

EXPLANATION

This map shows the estimated reserves of non-leased Federal coal within the Ashland Division of the Custer National Forest in southeastern Montana. The data presented here are based on the results of the Coal Resource Occurrence/Coal Development Potential (CRO/CDP) map program. CRO/CDP map reports were compiled for each 7½-minute quadrangle of the Powder River Basin of Montana and Wyoming using only publicly available data. The CRO/CDP reports were released as U.S. Geological Survey Open-File Reports and included 28 reports, listed below, which correspond to the Ashland Division area. The estimates shown on this map include only coal reserves owned by the federal government and located inside the approximate boundary of the National Forest.

7½-minute quadrangle	U.S.G.S. Open-File Report
Ashland	OF 79-078
Beaver Creek School	OF 79-079
Birney Day School	OF 79-080
Bloom Creek	OF 79-784
Browns Mountain	OF 78-039
Coleman Draw	OF 79-083
Cook Creek Reservoir	OF 79-084
Elk Ridge	OF 79-085
Fort Howes	OF 79-104
Goodspeed Butte	OF 79-088
Green Creek	OF 79-089
Hamilton Draw	OF 78-040
Hayes Point	OF 79-013
Hodsdon Flats	OF 79-090
Home Creek Butte	OF 79-091
King Mountain	OF 79-092
North Stacey School	OF 79-016
Otter	OF 79-105
Phillips Butte	OF 79-096
Poker Jim Butte	OF 78-651
Reanus Cone	OF 79-788
Samuelson Ranch	OF 79-097
Sayle	OF 79-789
Stacey	OF 79-099
Stroud Creek	OF 78-038
Threemile Buttes	OF 79-100
Willow Crossing	OF 79-101
Yager Butte	OF 79-102

Additional Data Reference:

Trent, V.A., 1986, Estimated resources of non-leased federal coal, Powder River Basin, Montana and Wyoming: U.S. Geological Survey Miscellaneous Field Studies Map MF-1887, scale 1:500,000, includes pamphlet, 21 p.

Quadrangle name

Coal reserve base (millions of short tons[1]). Includes coal greater than 5 ft thick, calculated to a depth of 3,000 ft, within the boundary of the National Forest. Where number is in parentheses, calculated to a depth of 1,000 ft

[1]1 Short ton = 0.9072 metric ton

THE TOTAL ESTIMATED RESERVE BASE OF FEDERALLY OWNED COAL WITHIN THE NATIONAL FOREST IS 42.28 BILLION SHORT TONS.

This map is preliminary and has not been reviewed for conformity with U. S. Geological Survey editorial standards nor with the North American stratigraphic code.

Plate 3. Estimated Reserves of Non-Leased Federally Owned Coal within the Ashland Division of the Custer National Forest, Southeastern Montana