MBMG 725–Plate A
Great Falls—Top of Kootenai Formation

Contoured by R.N. Bergantino, 1982
Released 2020

WESTERN UNITED STATES 1:250,000

NL 12-2

GREAT FALLS

Top of Kootenai formation (Fuson)

Prepared by the Army Map Service (AJART), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1955 by photogrammetric methods. Horizontal and vertical control by USGS, USC&GS and USCE. Aerial photography 1953. Photography field annotated 1954. Limited revision by U.S. Geological Survey 1963.

100,000-foot grids based on Montana coordinate system, central and north zones

10,000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

Data points from:

Feltis, R.D., Lewis, B.D., Frasure, R.L., Rioux, R.P. Jauhola, C.A. and Hotchkiss, W.R., 1981, Selected Geologic Data from the Northern Great Plains area of Montana: U.S. Geological Survey Water-Resources Investigations Open-file report 81-415, 63 p.,

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LEGEND

ROAD DATA 1954 PARTIALLY REVISED 1963

Figures in red denote approximate distances in miles between stars

POPULATED PLACES: LOS ANGELES; OMAHA; GALVESTON; Laramie; Grand Coulee; Sun Valley

Over 500,000; 100,000 to 500,000; 25,000 to 100,000; 5,000 to 25,000; 1,000 to 5,000; Less than 1,000

RAILROADS: Standard gauge; Narrow gauge; Single track; Double or Multiple

BOUNDARIES: International; State; County; Park or reservation

ROADS: Hard surface, heavy duty; More than two lanes wide; Two lanes wide; Federal route marker; Hard surface, medium duty; More than two lanes wide; Two lanes wide; State, Interstate route markers; Improved light duty; Unimproved dirt; Trail

3 LANES | 4 LANES; 3 LANES | 4 LANES

Landplane airport; Landing area; Seaplane airport; Dry lake; Woods-brushwood; Approximate road alinement

Landmarks: School; Church; Other; Horizontal control point; Spot elevation in feet; Marsh or swamp; Intermittent or dry stream; Power line

Scale 1:250,000

5 0 5 10 15 20 Statute Miles

5 0 5 10 15 20 25 30 Kilometers

5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL 200 FEET

WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

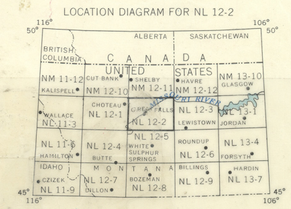
TRANSVERSE MERCATOR PROJECTION

Top of the Kootenai Formation, feet, mean sea level

EDGE TO 18°00' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°02' WESTERLY.

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D.C.

LOCATION DIAGRAM FOR NL 12-2



SECTIONIZED TOWNSHIP

6	5	4	3	2	1	
7	8	9	10	11	12	
18	17	16	15	14	13	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

GREAT FALLS, MONTANA

1954

LIMITED REVISION 1963

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1964

STANFORD

43 DS

361 DS