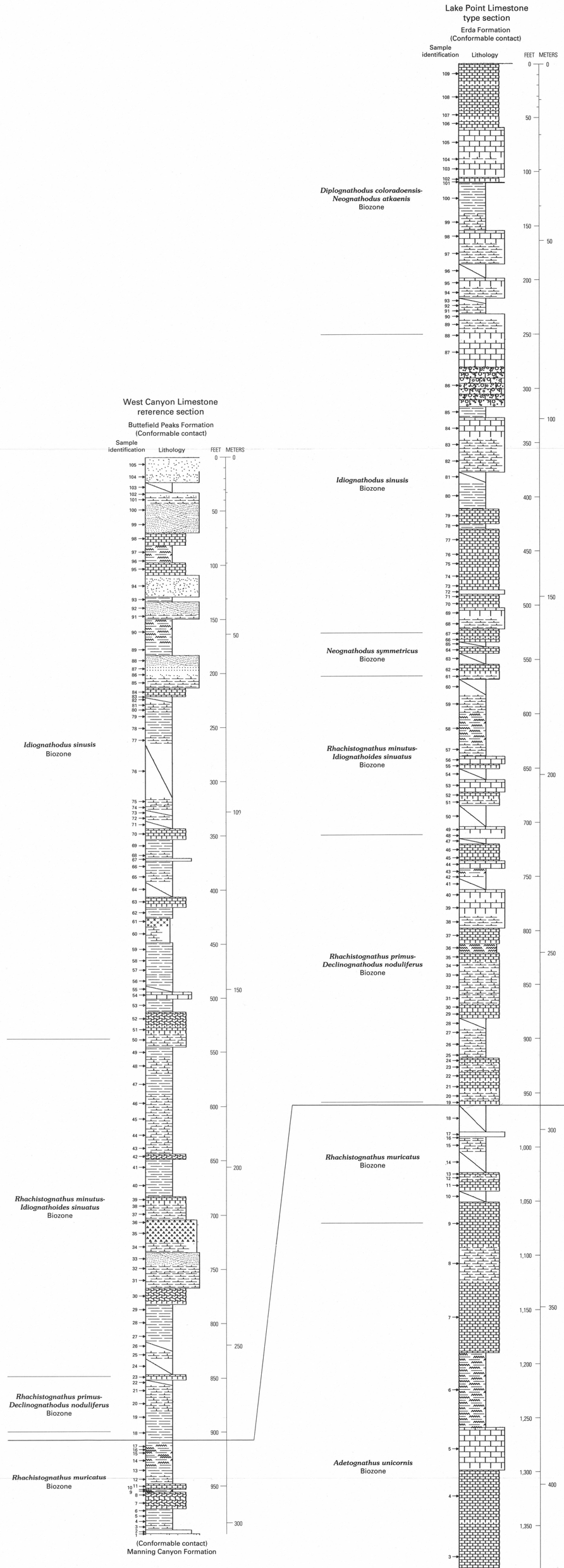
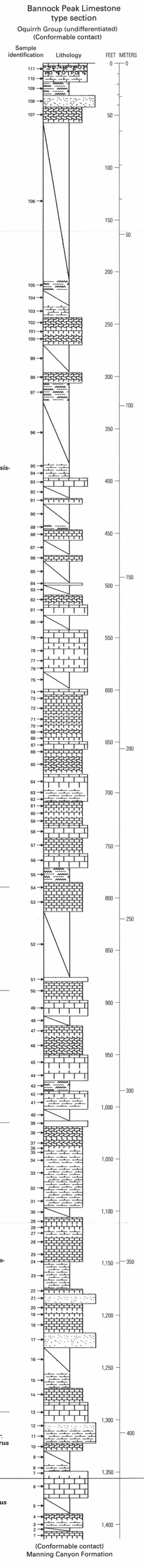
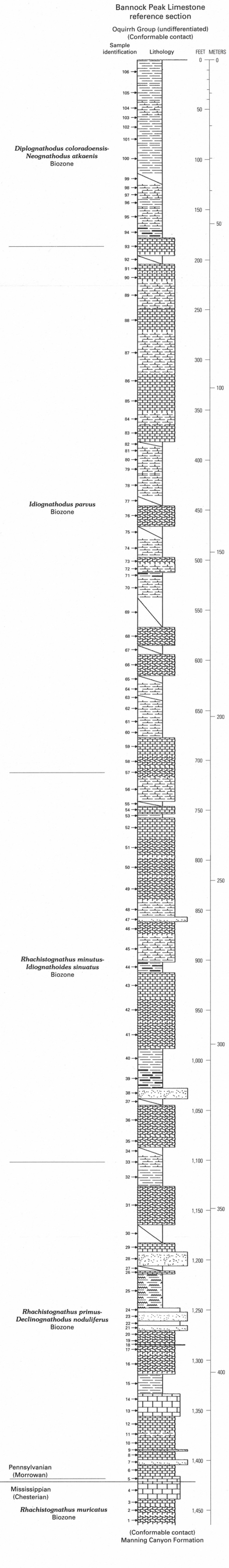
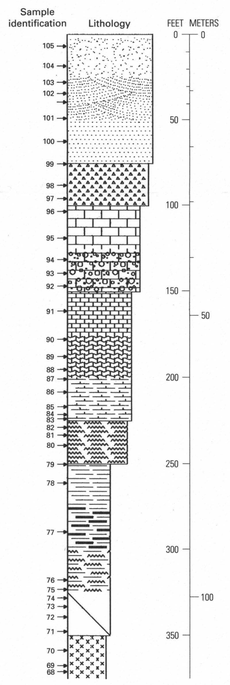


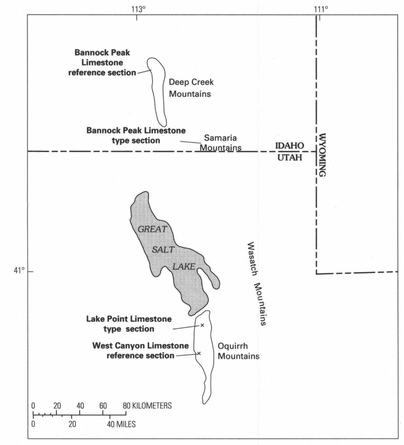




EXPLANATION

[Each section is displayed as a borehole with increasing depth downsection (in feet and meters). Data are presented at a scale of 1 in. equals 50 ft. Graphic resolution for individual beds at this scale is 2.5 ft (beds less than 2.5 ft thick are not displayed). Lithologic symbols represent the dominant lithology in the interval depicted. Unit numbers ("sample identification") are in sequence; the highest number represents the highest or youngest unit. Arrows at the leftmost margins of the graphic sections indicate center of rock units. Unnumbered arrows correspond to additional unit numbers in sample identification column.]





Location map

West Canyon Limestone reference section

Ridge on north side of Soldier Canyon at first major sequence of limestone above black shale of the Manning Canyon Shale (approx. 6,800 ft (2,072 m) contour) trending northeast from NE1/4 SE1/4 NW1/4 sec. 34, T. 4 S., R. 4 W. (lat 40°25'40" N., long 112°17'10" W.), continuing northeast along ridge to first major quartzarenite bed of the Butterfield Peaks Formation (approx. 7,200 ft (2,194 m) contour), SE1/4 NE1/4 NW1/4 sec. 34, T. 4 S., R. 4 W. (lat 40°24'15" N., long 112°17'00" W.), Stockton quadrangle, Tooele County, Utah. Originally described by Tooker and Roberts (1970). Thickness of West Canyon Limestone is 307 m.

Lake Point Limestone type section

Northwest side of Oquirrh Mountains. Southwest ridge of hill where limestone above Green Ravine Formation begins (approx. 5,200 ft (1,584 m) contour) trending northward from NE1/4 sec. 6, T. 2 S., R. 3 W. (lat 40°40' 30" N., long 112°14' 00" W.) to first major quartzarenite bed of the Erda Formation (approx. 6,160 ft (1,877 m) contour), SW1/4 sec. 31, T. 1 S., R. 3 W. (lat 40°40'45" N., long 112°13'30" W.), Garfield quadrangle, Tooele County, Utah. Originally described by Tooker and Roberts (1970). Thickness of Lake Point Limestone is 466 m.

Bannock Peak Limestone type section

Base of ridge at the head of the left fork of Brush Canyon beginning at the base of the first significant limestone bed (minimum thickness 0.7 m) above the black shale of the Manning Canyon Formation (approx. 6,600 ft (2,011 m) contour), NW1/4. SW1/4 sec. 14, T. 16 S., R. 4 W. (lat 42°01'10" N., long 112°19'45" W.), continuing northwestward along ridge to top of last major ridge-forming limestone (approx. 7,400 ft (2,255 m) contour), SE1/4 SW1/4 sec. 10, T. 16 S., R. 4 W. (lat 42°02'30" N., long 112°21'00" W.), Samaria quadrangle, Oneida County, Idaho. Thickness of Bannock Peak Limestone is 432 m.

Bannock Peak Limestone reference section

Along north ridge of Well Canyon beginning at the first major limestone bed (minimum thickness 0.7 m) above black shale of the Manning Canyon Shale (approx. 6,000 ft (1,828 m) contour), SW1/4 SE1/4 NE1/4 sec. 3, T. 9 S., R. 31 E. (lat 42°37'30" N., long 112°48'00" W.), continuing east-northeast to saddle (approx. 6,600 ft (2,011 m) contour), SE1/4 SW1/4 NW1/4 sec. 24, T. 9 S., R. 31 E. (lat 42°37'45" N., long 112°47'00" W.), Rockland East and Indian Springs quadrangles, Power County, Idaho. Measured by Trimble and Carr (1974). Thickness of Bannock Peak Limestone is 446 m.

MEASURED SECTIONS SHOWING CORRELATIONS OF BASAL FORMATIONS OF THE OQUIRRH GROUP, NORTHERN UTAH AND SOUTHEASTERN IDAHO

By
L.E. Davis, G.D. Webster, and T.S. Dyman

1994