

Figure 1. Index maps showing location of the study area in the southwestern part of the Bighorn Basin, northwestern Wyoming. Distribution of Fort Union Formation outcrops from Love and Christiansen (1985).

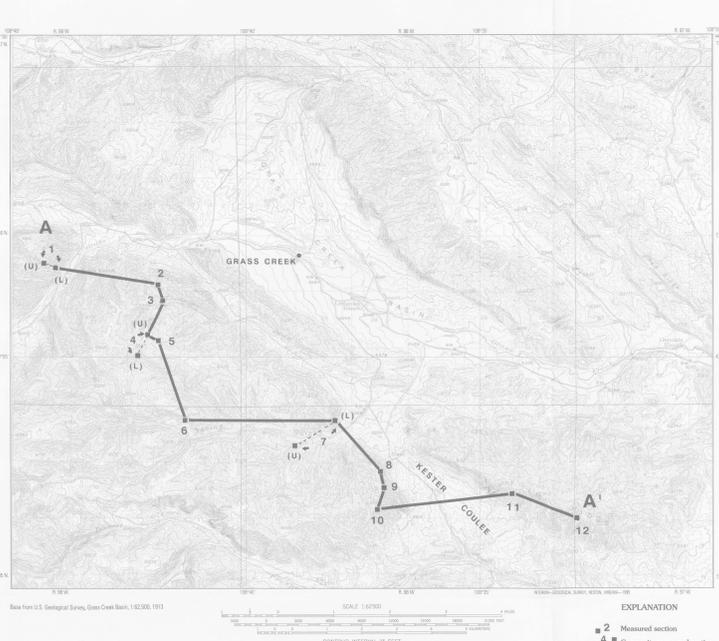


Figure 2. Index map showing locations of measured sections included within cross section A-A' (fig. 3). Composite measured sections are shown by dashed lines that link the lower (L) and upper (U) intervals of each composite section.

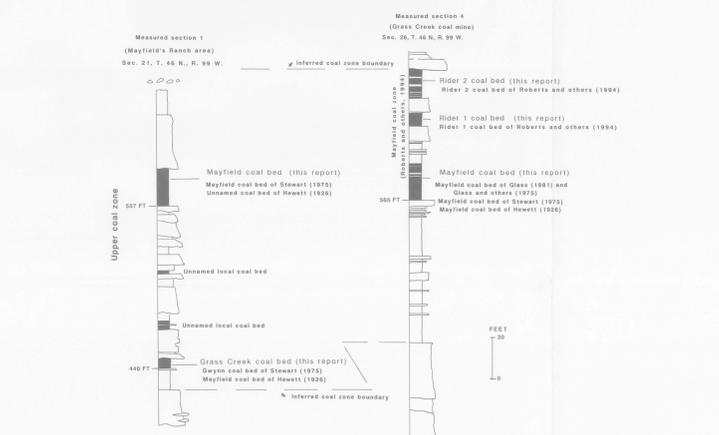


Figure 4. Diagram showing informal coal-bed nomenclature for the upper coal zone in measured sections 1 and 4 and interpretation of comparative coal-bed nomenclature used in previous reports.

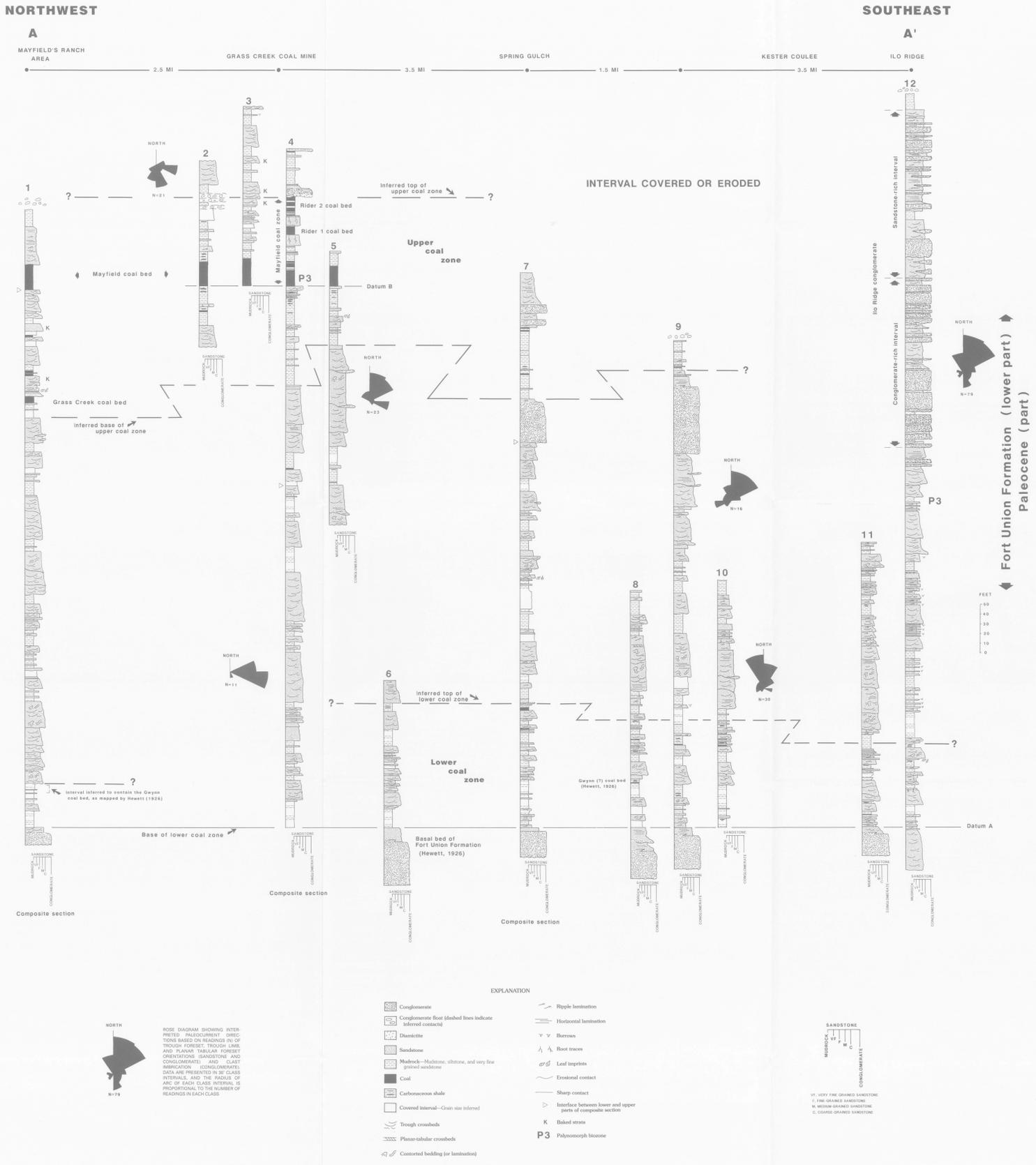


Figure 3. Cross section A-A' showing measured sections of the lower part of the Paleocene Fort Union Formation in the study area. Datum A represents the top of the basal bed of the Fort Union Formation, as described by Hewett (1926). Datum B is a secondary datum used in the area of the Grass Creek coal mine. Coal-bed nomenclature is informal.



Figure 5. Generalized diagram of cross section A-A' showing facies changes in the lower part of the Fort Union Formation in the study area. The apparent unconformity shown at the base of the Fort Union Formation is queried and based on interpretations of Kraus (1984). Modified from Roberts and others (1994).

CONVERSION FACTORS

Multiplying	to obtain
feet (ft)	0.3048 meters (m)
miles (mi)	1.609 kilometers (km)

By  
S.B. Roberts and Dominique Bossiroy  
1995