



**EXPLANATION**

- Qal Quaternary alluvium
  - Qg Quaternary terrace gravel
  - Kk Upper Cretaceous Kirtland Shale.
  - Kfu Upper Cretaceous Fruitland Formation, upper part.
  - Kf3 Fruitland Formation, sandstone number 3; includes a thin coal in part of area
  - Kf2 Fruitland Formation, sandstone number 2
  - Kfab Fruitland Formation, coals a and b; includes sandstone number 1, which was not mapped separately
  - Kpct Pictured Cliffs Sandstone, tongue
  - Kft Fruitland Formation, tongue
  - Kpc Pictured Cliffs Sandstone, main body
  - KI Lewis Shale
- Contact, dashed where covered
- 1 Station where joints in sandstone or cleats in coal were measured --only plotted on plate 4

Base map from Durango East quadrangle; Polyconic projection; 1927 North American datum



SCALE 1:12 000



CONTOUR INTERVAL 40 FEET  
DATUM IS MEAN SEA LEVEL

Geology mapped by S.M. Condon  
in May, 1996

**Map showing locations of joint and cleat stations in the Florida River area,  
La Plata County, Colorado**  
By  
**Steven M. Condon**

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