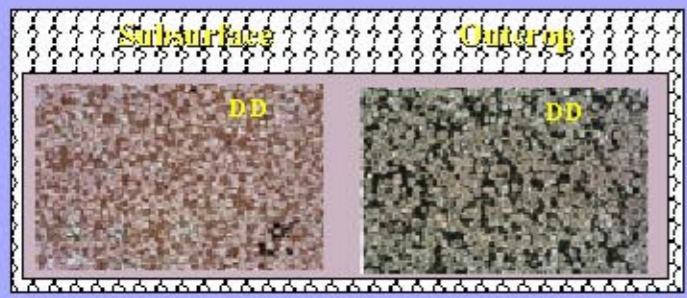
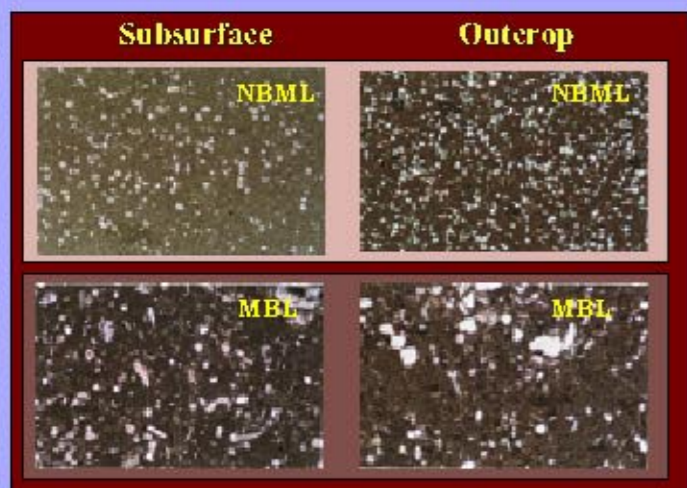
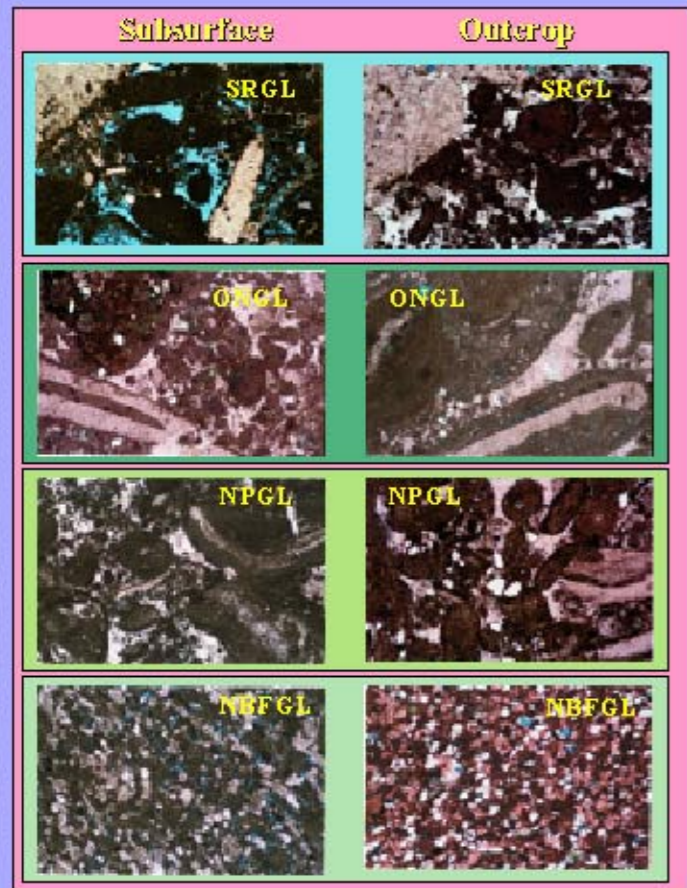


Outcrop and Subsurface Comparison of Lithofacies



Methodology

Sampling

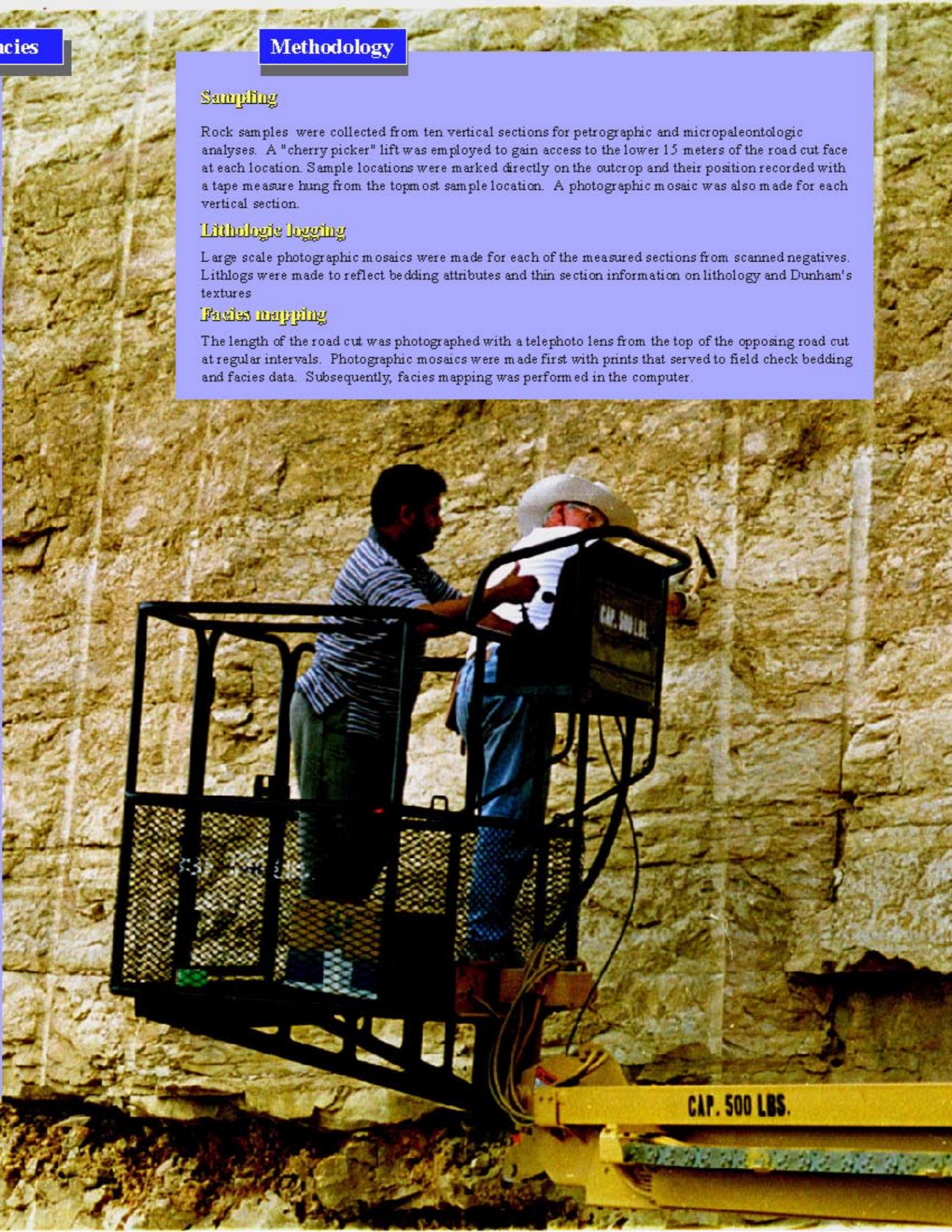
Rock samples were collected from ten vertical sections for petrographic and micropaleontologic analyses. A "cherry picker" lift was employed to gain access to the lower 15 meters of the road cut face at each location. Sample locations were marked directly on the outcrop and their position recorded with a tape measure hung from the top most sample location. A photographic mosaic was also made for each vertical section.

Lithologic logging

Large scale photographic mosaics were made for each of the measured sections from scanned negatives. Lithologs were made to reflect bedding attributes and thin section information on lithology and Dunham's textures.

Facies mapping

The length of the road cut was photographed with a telephoto lens from the top of the opposing road cut at regular intervals. Photographic mosaics were made first with prints that served to field check bedding and facies data. Subsequently, facies mapping was performed in the computer.



Lithologic Log Construction

