Landform Evolution

ike an artist's canvas, the landscape and views are transformed by mining and other human activities. Few people can detect the presence of reclaimed gravel pits throughout the area. The term "mine reclamation planning" appears to be a misnomer because the sites evolve over time, with society inheriting and changing the landscape, unable to visualize the past or forecast future use 20 years from now. Although aggregate extraction is only one

of the land uses that affected the creek morphology in the last century, it is useful to examine because the lessons learned can provide choices in future landscape planning.

> Figure 31. Architectural plan showing symbolic landforms that

represent end uses of sand and gravel pits along Clear Creek and the

South Platte River. There are four

metropolitan area: water storage

facilities, wildlife/greenbelt space,

multiple-purpose reservoirs, and

"hidden scenery" (such as light

industry, residential housing, or

simple revegetation).

symbolic landforms associated with mining reclamation in the Denver

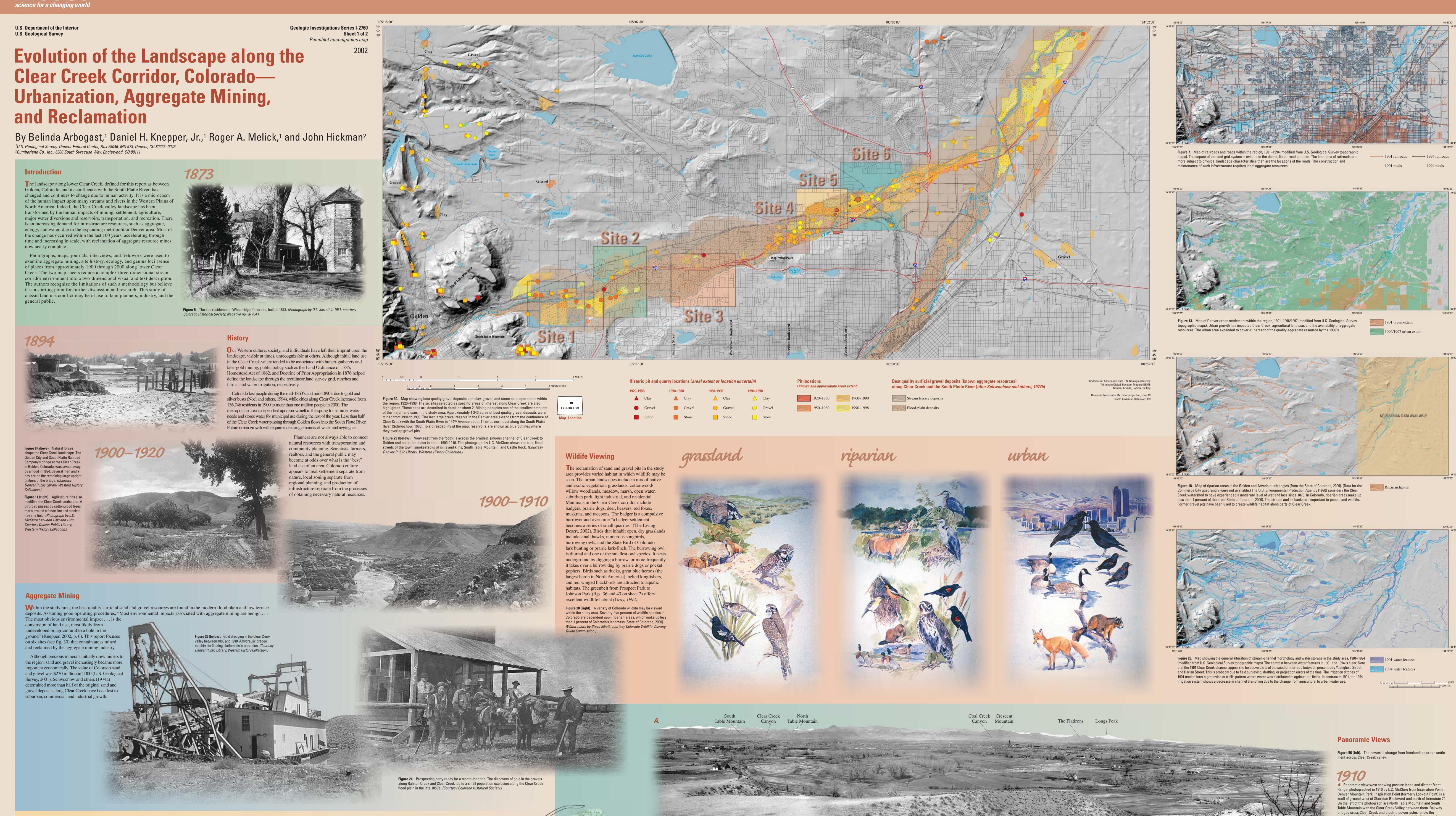
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WILDLIFE/GREENBELT,

MULTIPLE-PURPOSE RESERVARS

interurban railroad trolley lines. Brick commercial buildings and a black water tower are visible in Arvada in the middle of the photograph. On the right are the Boulder Flatirons and snow-covered Longs Peak. Clear Creek is visible across most of the frame. (Courtesy Denver Public Library, Western History Collection.)

B. Soaring growth by 2002 has filled the view of the Clear Creek valley with rooftops, highways, and power poles. Clear Creek is barely visible between two large Colorado blue spruce trees to the left of center. The mountain backdrop appears changeless over human time, but it is not changeless over geologic time. The water tower in Arvada is now painted white, and Interstate 76 cuts across most of the panoramic view.

> Photographs by *Belinda Arbogast*, except as noted Publication design and digital layout by **Carol Quesenberry** Preparation of GIS files for layout by **Nancy Shock**

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