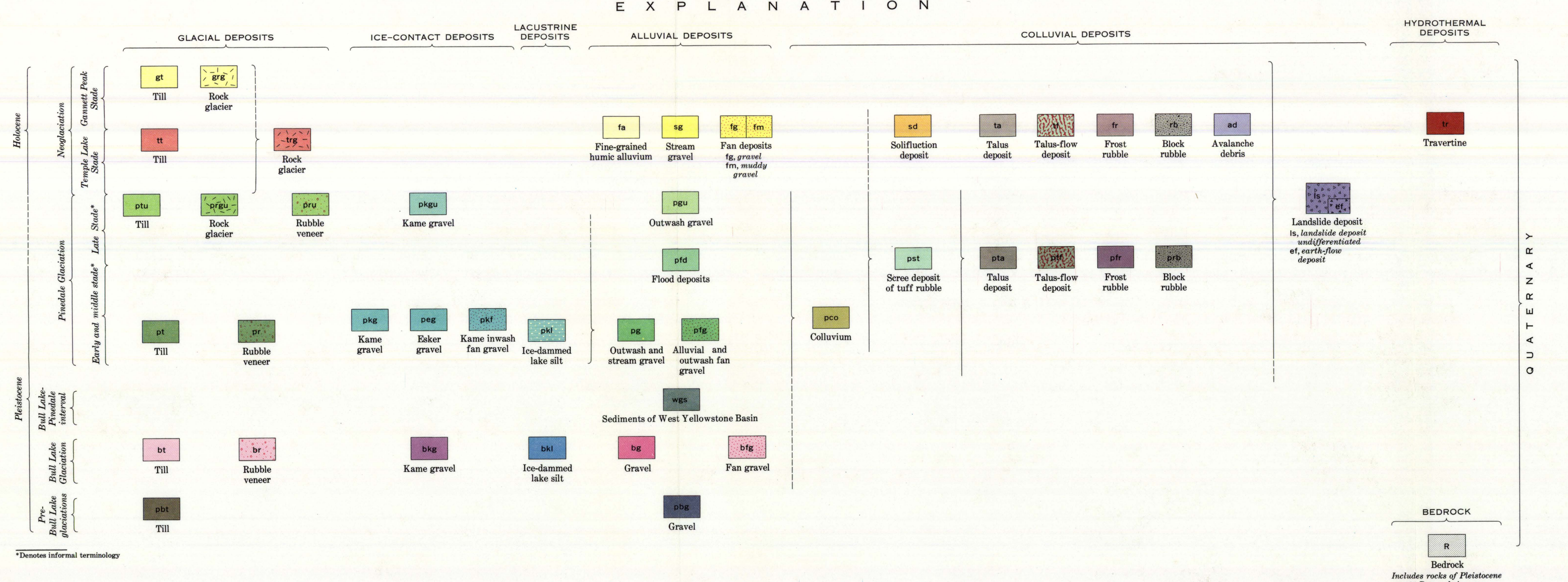
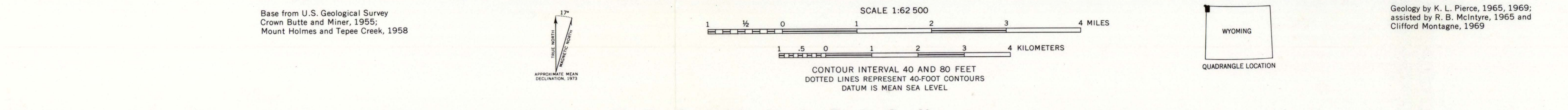
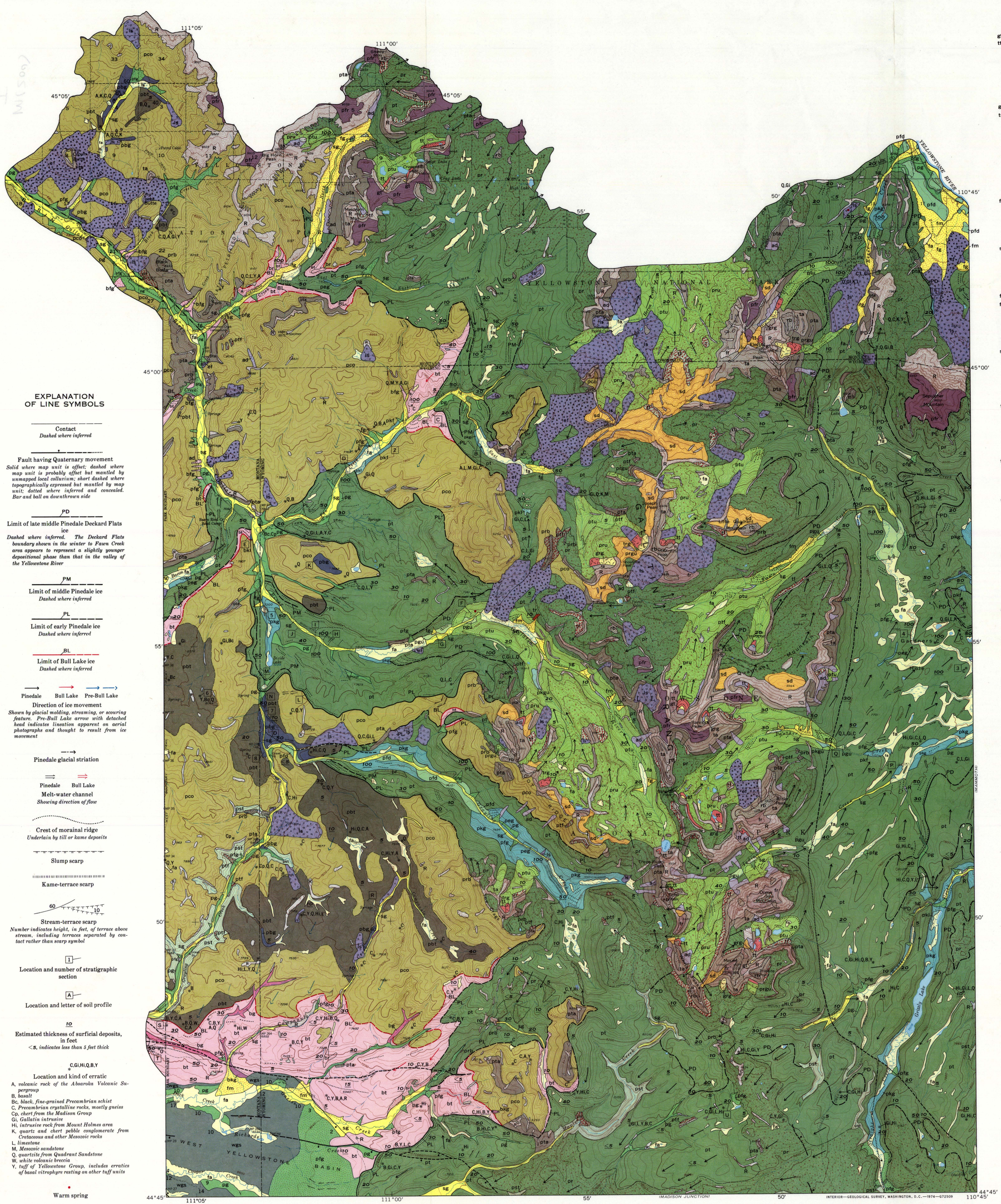


SURFICIAL GEOLOGIC MAP OF THE MOUNT HOLMES QUADRANGLE AND PARTS OF THE TEEPEE CREEK, CROWN BUTTE, AND MINER QUADRANGLES, YELLOWSTONE NATIONAL PARK, WYOMING AND MONTANA

By
Kenneth L. Pierce

1973

DESCRIPTION OF UNITS

NEOGLACIATION

GLACIAL DEPOSITS

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ALLUVIAL DEPOSITS

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SURFICIAL GEOLOGIC HISTORY

INTRODUCTION

The mapped area covers the northwestern corner

of Yellowstone National Park. The glacially sculptured

Gallatin Range extends from the south-central part

northward, where it encompasses the entire northern

map boundary. Its peaks rise several hundred feet

above the surrounding plateau to altitudes mostly between

10,000 and 10,500 feet. Electric Peak is 10,992 feet in

altitude. Dissected benches flank the range at altitudes

between 7,000 and 8,000 feet. The lowest places are

elevations of 5,800 feet along the Yellowstone River to the

northwest, and 6,600 feet in the West Yellowstone Basin to the

southwest. PLACETOWN GLACIATIONS