

State of Washington
ALBERT D. ROSELLINI, Governor

Department of Conservation
EARL COE, Director

DIVISION OF MINES AND GEOLOGY
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Geologic Map GM-1

**PRELIMINARY GEOLOGIC MAP OF THE
HOBART AND MAPLE VALLEY
QUADRANGLES,
KING COUNTY, WASHINGTON**

By

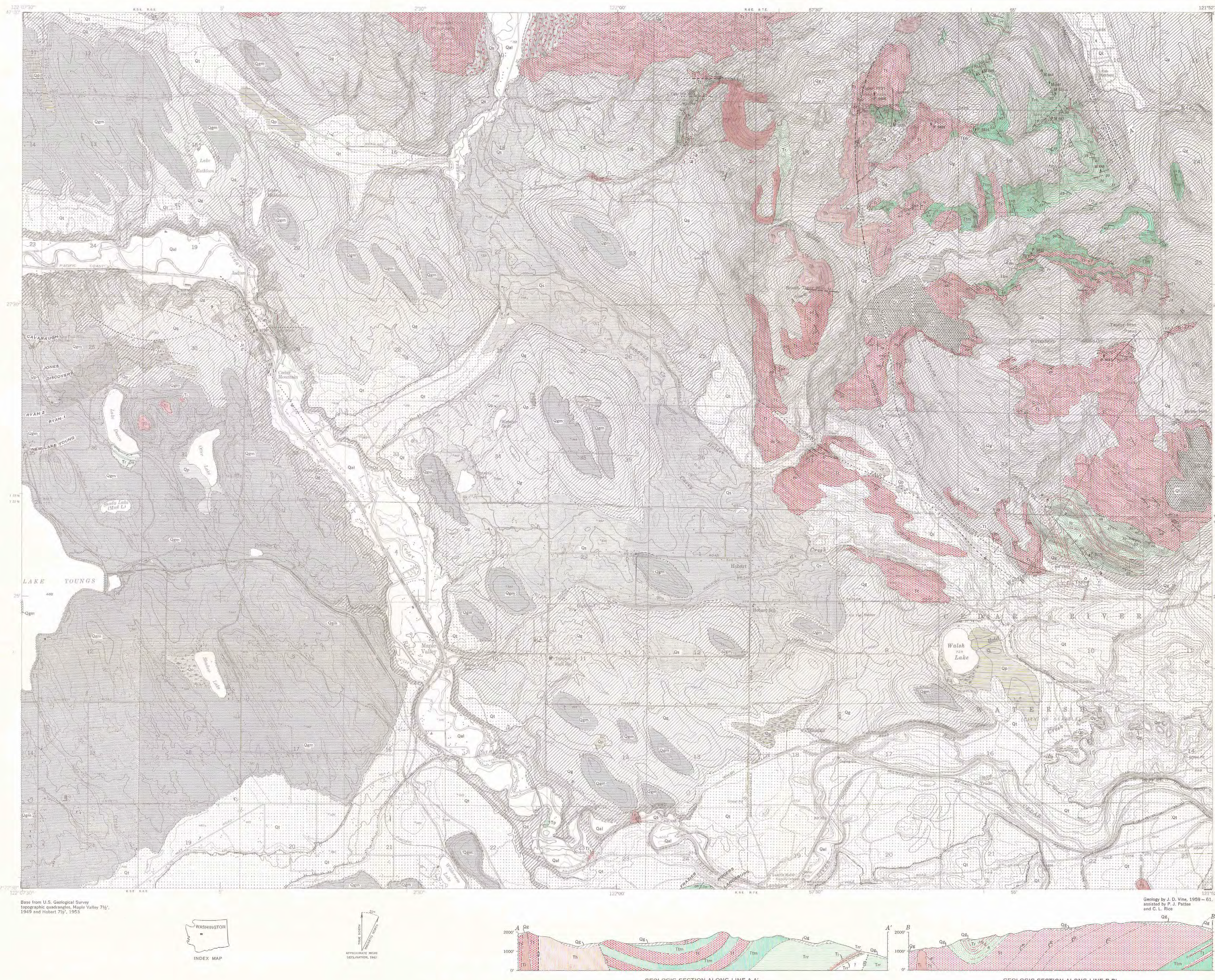
JAMES D. VINE

U. S. GEOLOGICAL SURVEY

Prepared cooperatively by the U. S. Geological Survey



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EXPLANATION: Legend for geological symbols and units. Post and swamp deposits, Terrace gravel and stratified drift, Renton Formation, Tukwila Formation, Tiger Mountain Formation, Ragging River Formation, and various rock types like andesite and basalt. Includes a scale bar and date 1962.

INTRODUCTION: The Hobart and Maple Valley quadrangles are located on the eastern margin of the Puget Sound lowland... TERTIARY ROCKS: The Ragging River Formation of Eocene age is the oldest rock that crops out in this area...

QUATERNARY DEPOSITS: Much of the surface in the Hobart and Maple Valley quadrangles is thickly mantled by Quaternary deposits... QUATERNARY DEPOSITS (continued): These rocks are transitional with the underlying mafic rocks...

TECTONIC HISTORY: The Renton Formation is the youngest formation recognized in the Puget Group... RENTON FORMATION: The Renton Formation is a sequence of mafic to felsic volcanic rocks...

TUKWILA FORMATION: This formation is a sequence of mafic to felsic volcanic rocks... TIGER MOUNTAIN FORMATION: This formation is a sequence of mafic to felsic volcanic rocks...

AGGREGATE: This formation is a sequence of mafic to felsic volcanic rocks... AGGREGATE (continued): These rocks are transitional with the underlying mafic rocks...

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