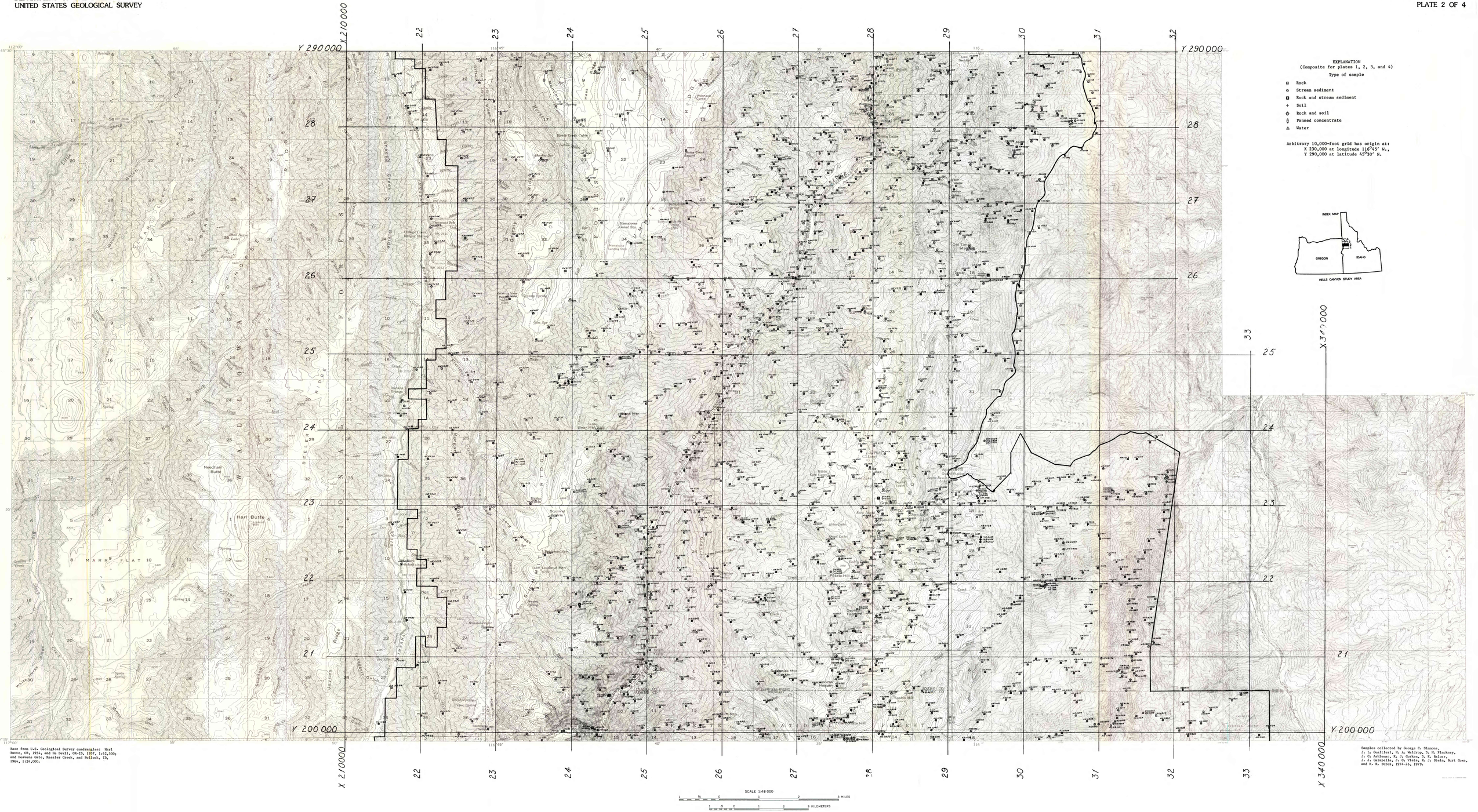
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY



EXPLANATION
(Composite for plates 1, 2, 3, and 4)

Type of sample

- Rock
- Stream sediment
- Rock and stream sediment
- Soil
- Rock and soil
- Panned concentrate
- Water

Arbitrary 10,000-foot grid has origin at:
X 230,000 at longitude 116°45' W.,
Y 290,000 at latitude 45°30' N.

Base from U.S. Geological Survey quadrangles: Harl Butte, OR, 1954, and He Devil, OR-ID, 1957, 1:62,500; and Heavens Gate, Kessler Creek, and Pollock, ID, 1964, 1:24,000.

Samples collected by George C. Simons, J. L. Gualtieri, H. A. Waldrop, D. M. Pinckney, J. C. Ashlman, Ma. J. Corken, D. E. Balcer, J. J. Garapella, J. C. Viets, H. J. Stein, Burt Cone, and K. R. Perez, 1974-76, 1979.

GEOCHEMICAL SAMPLE LOCALITY MAP OF THE SOUTH-CENTRAL PART OF THE HELLS CANYON STUDY AREA

WALLOWA COUNTY, OREGON, AND IDAHO AND ADAMS COUNTIES, IDAHO

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.