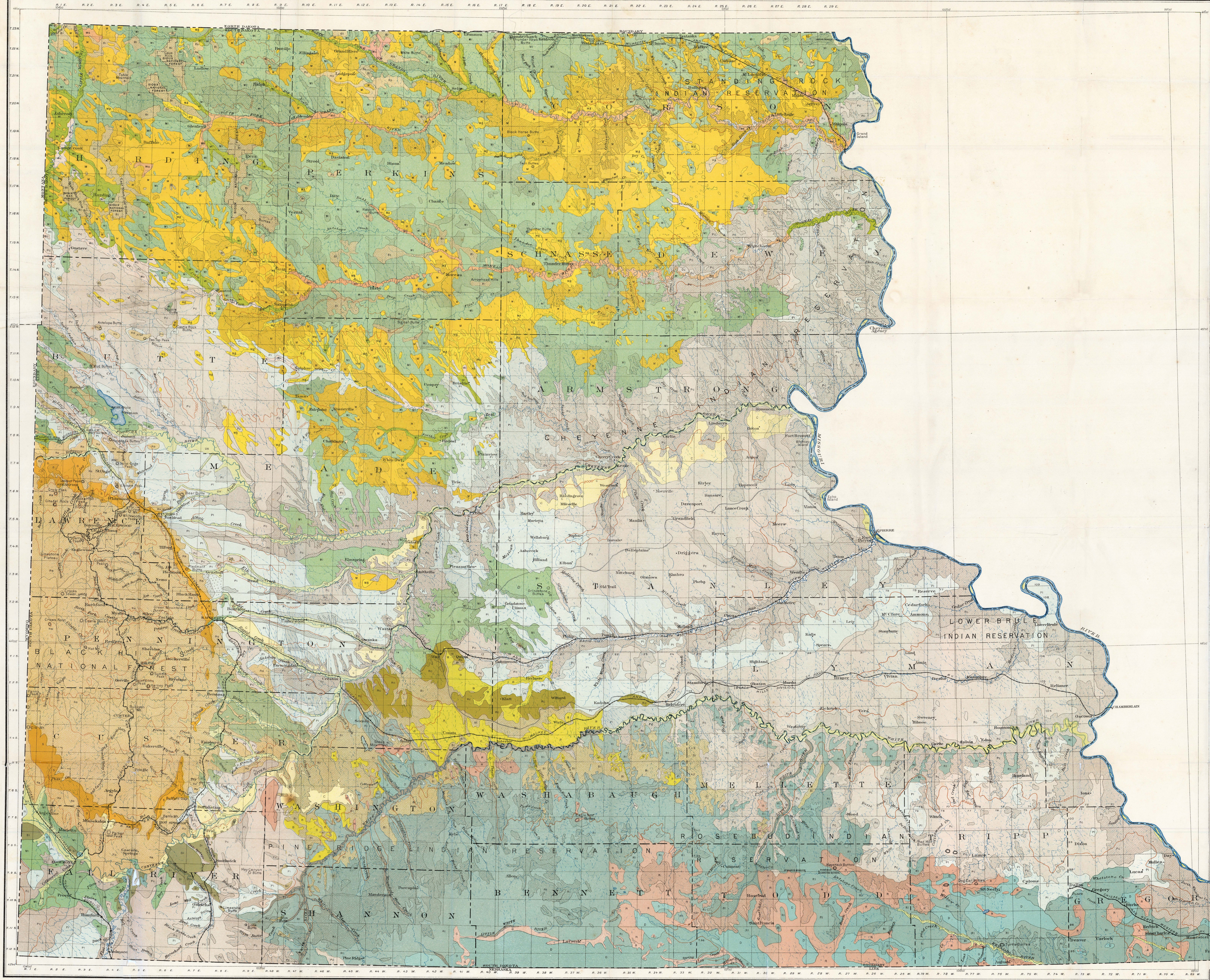
U.S. DEPT. OF AGRICULTURE
BUREAU OF SOILS
MILTON WHITNEY, CHIEF.

SOIL MAP

RECONNOISSANCE SURVEY
WESTERN SOUTH DAKOTA SHEET

SOUTH DAKOTA
AGRICULTURAL EXPERIMENT STATION.
JAMES W. WILSON, DIRECTOR.
CLIFFORD WILLIS, AGRONOMIST.



LEGEND

MORTON SERIES
- Morton fine sandy loam — M
- Morton loams — Ml
- Morton clay — Mc
- Morton gumbo — Mg

PIERRE SERIES
- Pierre loams and clay loams — Pl
- Pierre clays — Pc
- Spearfish loam — S
- Bad Lands — Bl
- Bad Land Basins — B

ROSEBUD SERIES
- Rosebud fine sandy loam — R
- Rosebud silt loam — Rl
- Rosebud silty clay loam and clay — Rc
- Hermosa loam — H
- Rough stony land and undifferentiated soils — Rs

SOILS FROM SANDSTONES AND SHALES
SOILS FROM UNCONSOLIDATED CALCAREOUS DEPOSITS
RESIDUAL SOILS

- Dunesand — D
- Gannett fine sand — G
- Smithwick sandy loam — Sl
- Cheyenne loams — C

SOILS OF AEOLIAN ORIGIN
SOILS OF THE GRAVEL TERRACES

WADE SERIES
- Wade fine sandy loam — Ws
- Wade loam — Wl
- Wade clay loam and clay — Wc
- Orman clay — Oc
- Tripp silt loam — Tl
- Undifferentiated — Us

ALLUVIAL SOILS
TRANSPORTED SOILS

- No cross lines Level to rolling
- Very rolling to very hilly
- Very hilly and broken
- Gravel areas

Soils surveyed by
George N. Coffey, Thomas D. Rice, A. E. Kocher, Rex E. Willard,
William T. Carter Jr. L. C. Holmes, Allen L. Higgins,
William G. Smith, Risden T. Allen and J. V. Bopp.

1/380,160
6 0 6 12 18 24 miles
Contour Interval 1000 feet

Field Operations
Bureau of Soils
1909