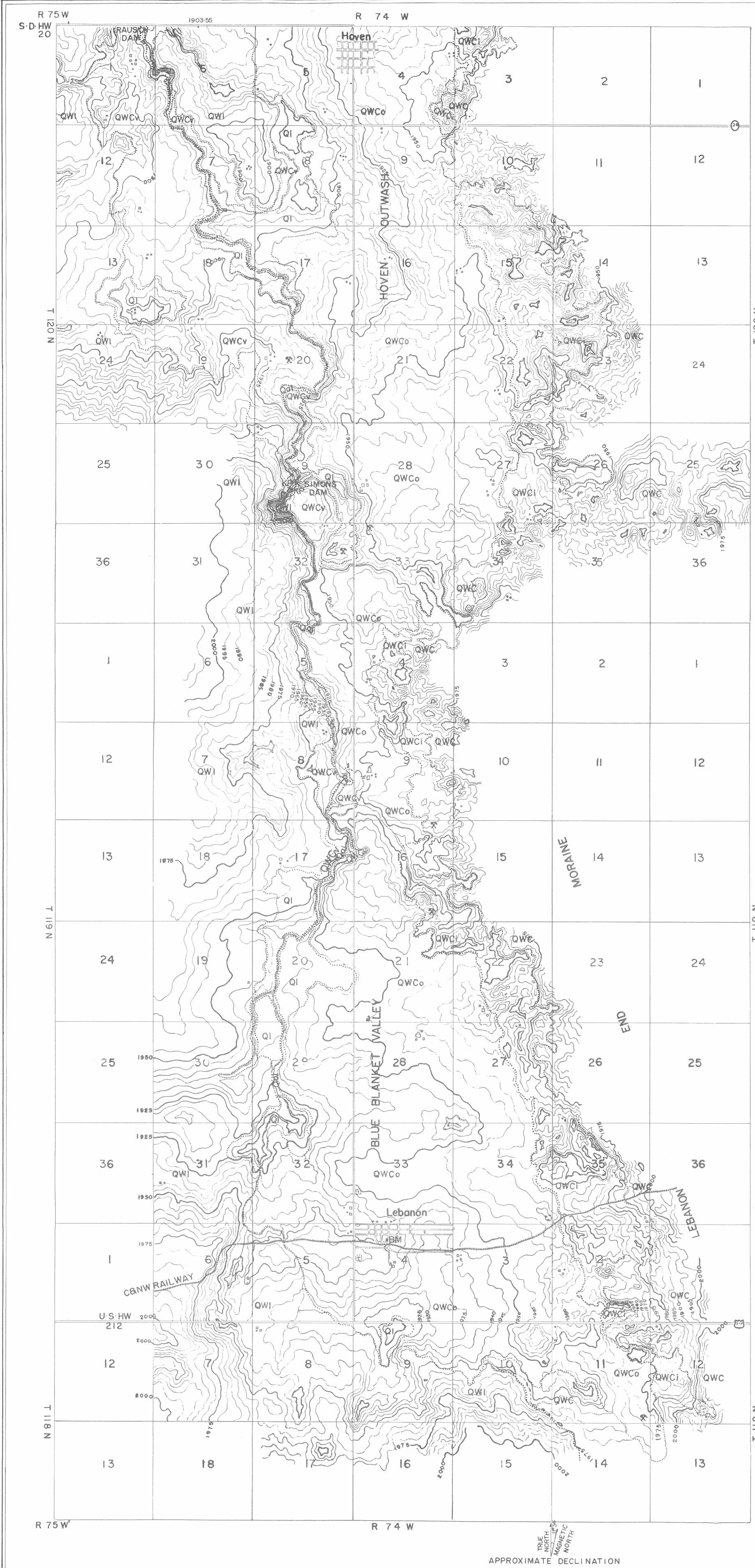


GEOLOGIC MAP OF THE BLUE BLANKET VALLEY AND HOVEN OUTWASH



LEGEND

SEDIMENTARY ROCKS

- Qa1 ALLUVIUM
- Q1 OUTWASH-MARGIN LAKE DEPOSITS AND ALLUVIUM
- QWCV VALLEY TRAIN
- QWCo OUTWASH
- QWCI ICE-CONTACT DRIFT
- QWC CARY SUBSTAGE
- QWI IOWAN SUBSTAGE
- KP PIERRE SHALE

GEOLOGIC BOUNDARY

- INFERRED CONTACT
- ACTUAL CONTACT

RELIEF

- DRAINAGE
- INTERMITTENT STREAMS
- INTERMITTENT POND
- ALTITUDE
- CONTOURS
- DEPRESSION CONTOURS

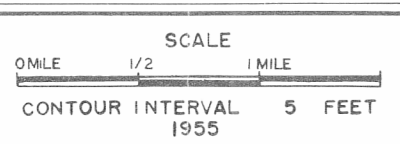
CULTURE

- BUILDINGS AND STREETS (HOUSE AND SCHOOL)
- BENCH MARK
- GRAVEL PITS
- DAM SITE AND BRIDGE
- ROADS
- RAILWAY
- CEMETERY

QUATERNARY

- RECENT
- QUATERNARY
 - WISCONSIN
 - PLEISTOCENE
 - CARY
 - IOWAN
 - MONTANA (PIERRE FORMATION) CRETACEOUS

GEOLOGY AND TOPOGRAPHY BY KWANG-YUAN LEE
 ASSISTED BY D.L. WALTNER
 DRAFTED BY KWANG-YUAN LEE














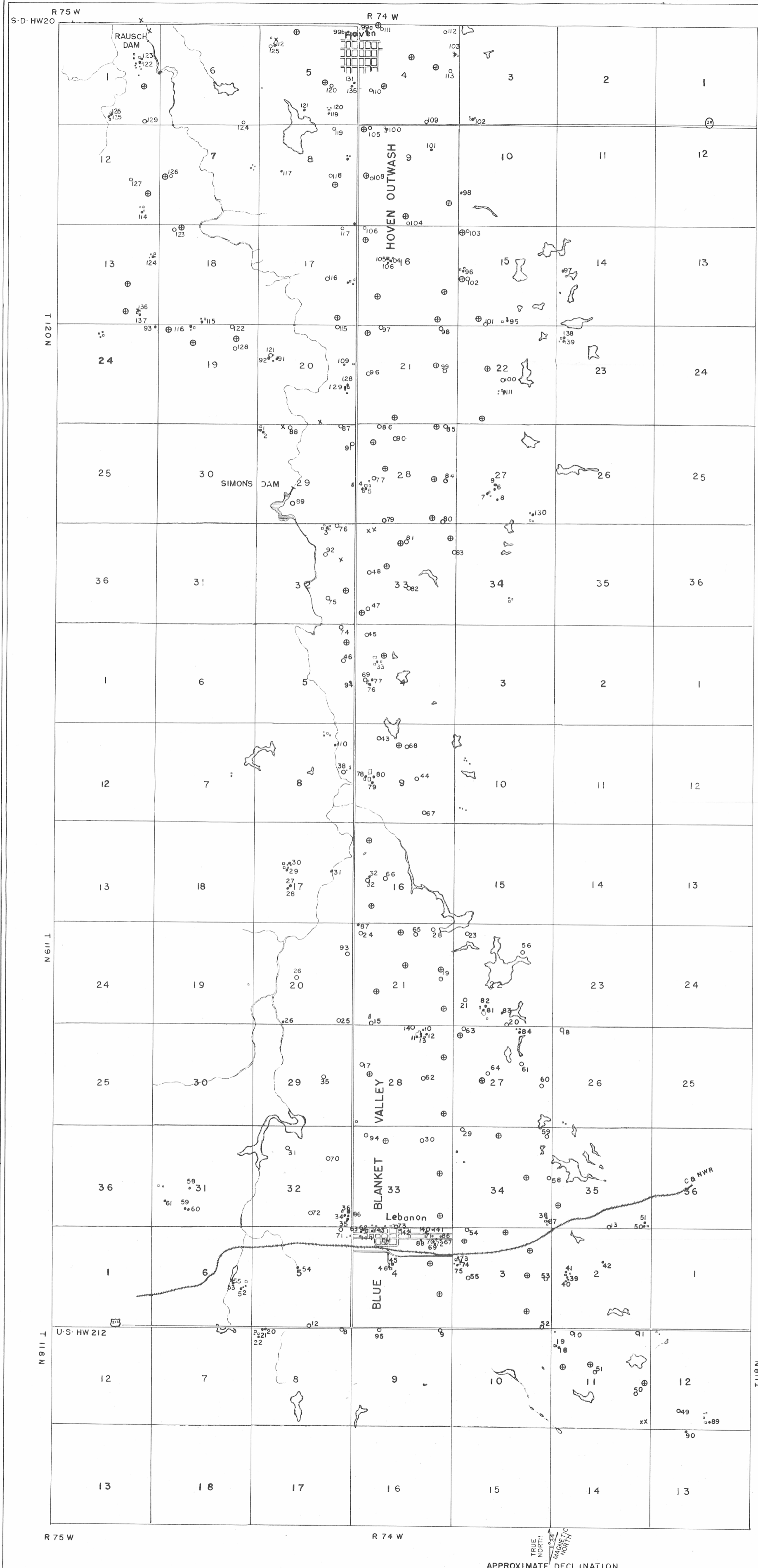
APPROXIMATE DECLINATION

MAP

SHOWING LOCATIONS
OF
THE RESISTIVITY STATIONS
WATER WELLS AND SUGGESTED
SHALLOW WELLS FOR
THE DEVELOPMENT OF IRRIGATION
IN
THE BLUE BLANKET VALLEY
AND
HOVEN OUTWASH

EXPLANATION

-  RESISTIVITY STATION
-  DOMESTIC WATER WELLS
-  SUGGESTED SHALLOW WELLS
-  SAMPLE LOCALITY
-  BUILDINGS AND STREETS
(HOUSE & SCHOOL)
-  ROADS
-  INTERMITTENT STREAMS
-  DAM SITE AND BRIDGE
-  POND AND DEPRESSION
-  RAILWAY
-  BENCH MARK



RESISTIVITY STATIONS BY T. H. BEDWELL, ASSISTED BY J. G. LARSON & S. GRAF
 DOMESTIC WATER WELLS & SURVEYED BY KWANG-YUAN LEE, ASSISTED BY D. L. WALTNER
 SUGGESTED SHALLOW WELLS & DRAFTED BY KWANG-YUAN LEE

