

MX SITING INVESTIGATION
WATER RESOURCES PROGRAM
TECHNICAL SUMMARY REPORT
VOLUME IIA

Prepared for:

U.S. Department of the Air Force
Ballistic Missile Office
Norton Air Force Base, California 92409

Prepared by:

Ertec Western, Inc.
3777 Long Beach Boulevard
Long Beach, California 90807

30 November 1981

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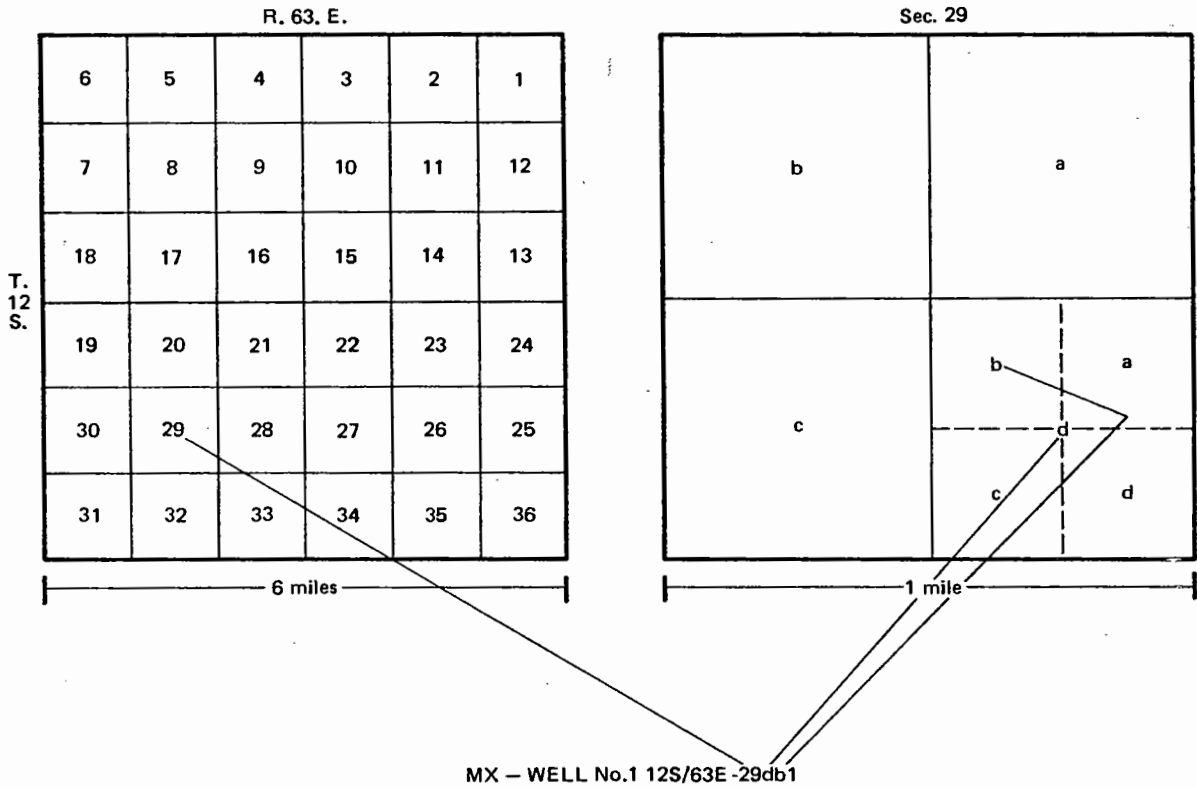
APPENDIX A
WELL AND SPRING NUMBERING SYSTEM

WELL AND SPRING NUMBERING SYSTEM-NEVADA

The numbering system for wells and springs in this report is based on the rectangular subdivision of the public lands referenced to the Mount Diablo baseline and meridian. This location number consists of three units: the first is the township south of the baseline; the second unit, separated from the first by a slanted line, is the range east of the meridian; the third unit, separated from the second by a dash, designates the section number. The section number is followed by letters that indicate the quarter and quarter-quarter section. The letters a, b, c, and d designate, respectively, the northeast, northwest, southwest, and southeast quarters. The letters may be followed by a number which denotes the number of the well drilled in a particular quarter-quarter section. For example well 12S/63E-29db1 is the first well recorded in the NW1/4, SE1/4 Sec. 29, T12S, R63E, Mount Diablo baseline and meridian. The numbering system is illustrated in Figure A1-1.

Sections within a township

Tracts within a section



MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRC-MX

WELL AND SPRING NUMBERING
SYSTEM USED IN NEVADA

30 NOV 81

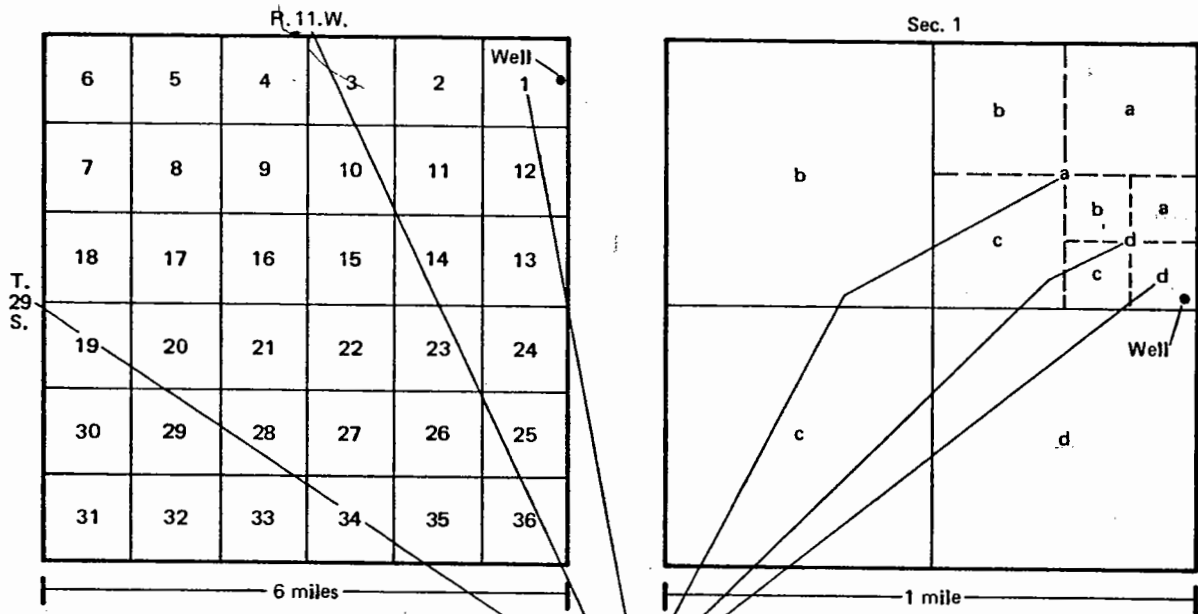
FIGUREA1-1

WELL AND SPRING NUMBERING SYSTEM-UTAH

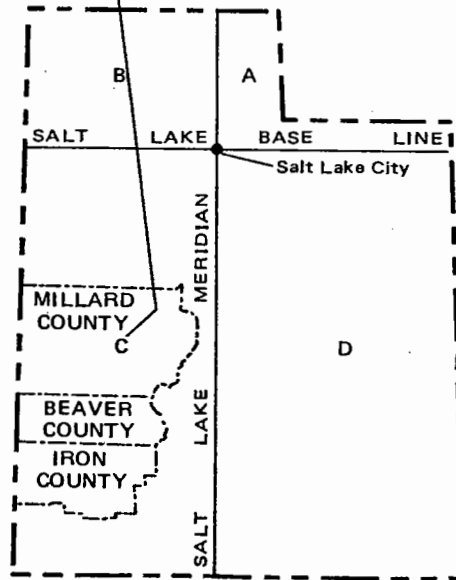
The system of numbering wells and springs in Utah is based on the cadastral land-survey system of the United States Government. The number, in addition to designating the well or spring, describes its position on the land net. By the land-survey system, the state is divided into four quadrants by the Salt Lake baseline and meridian, and these quadrants are designated by the uppercase letters A, B, C, and D indicating the northeast, northwest, southwest, and southeast quadrants, respectively. Numbers designating the township and range (in that order) follow the quadrant letter, and all three are enclosed in parentheses. The number after the parentheses indicates the section and is followed by three letters indicating the quarter section, the quarter-quarter section, and the quarter-quarter-quarter section. Figure A1-2 is a graphical illustration of this system. Although the basic land unit, the section, is theoretically a 1 mile (2 km) square, many sections are irregular. Such sections are subdivided into 10-acre (4-ha) tracts, generally beginning at the southeast corner, and the surplus or shortage is taken up in the tracts along the north and west sides of the section. The letters a, b, c, and d indicate, respectively, the northeast, northwest, southwest, and southeast quarters of each subdivision. The number after the letters is the serial number of the well or spring within the 10-acre (4-ha) tract.

Sections within a township

Tracts within a section



(C-29-11) 1 add - 2



Source: Mower and Cordova, 1974



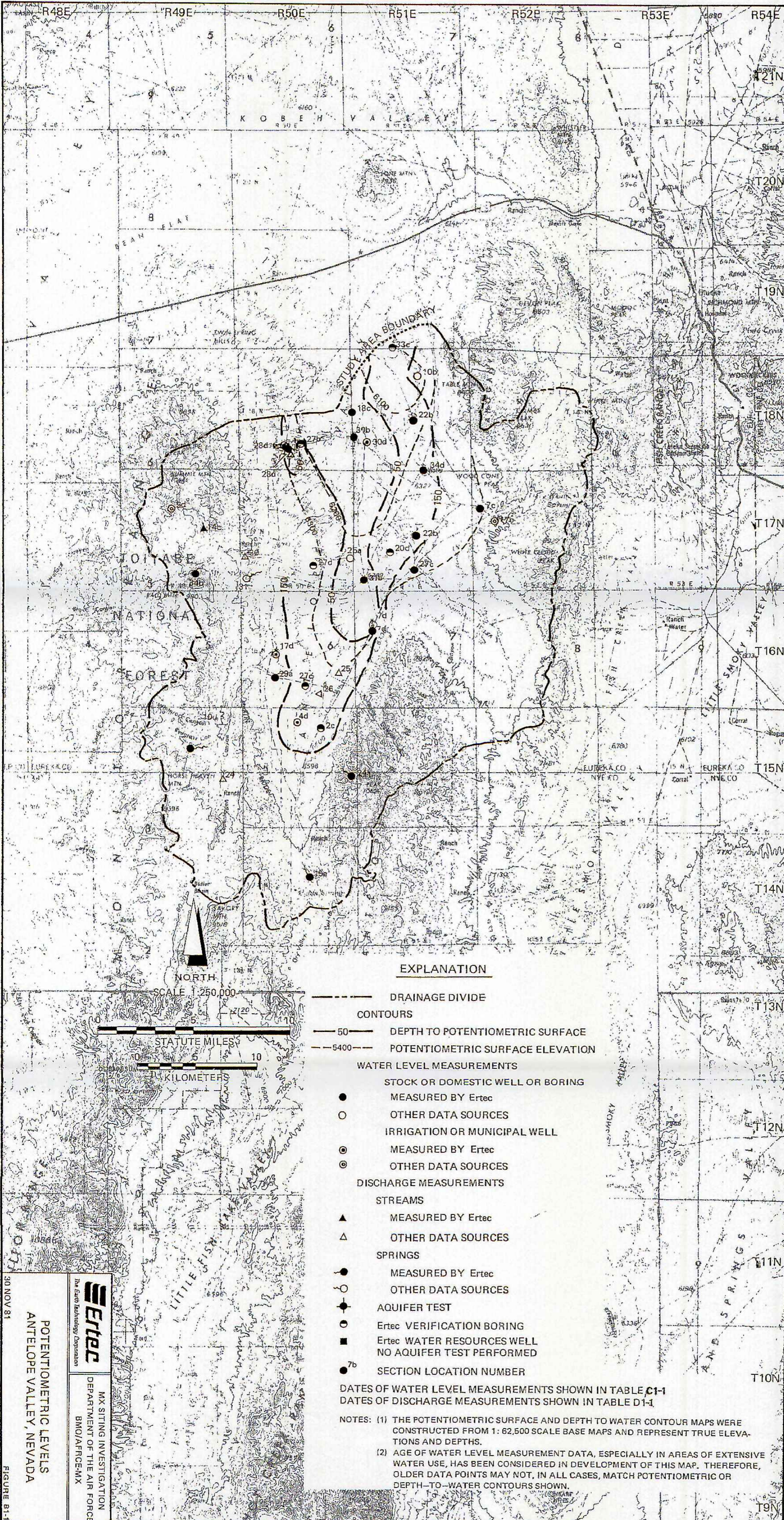
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DEPARTMENT OF THE AIR FORCE
BMO/AFRC-MX

WELL AND SPRING NUMBERING
SYSTEM USED IN UTAH

30 NOV 81

FIGURE A1-2

APPENDIX B1
POTENTIOMETRIC LEVEL MAPS



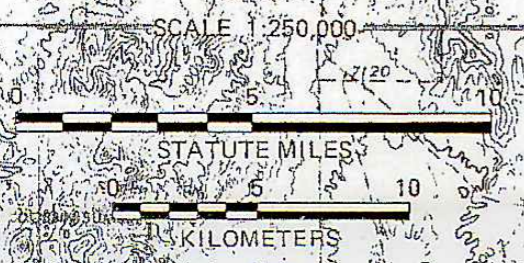
EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
 - 50 — DEPTH TO POTENTIOMETRIC SURFACE
 - 5400 — POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
 - STOCK OR DOMESTIC WELL OR BORING MEASURED BY Ertec
 - OTHER DATA SOURCES
 - ⊙ IRRIGATION OR MUNICIPAL WELL MEASURED BY Ertec
 - ⊗ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
 - ▲ STREAMS MEASURED BY Ertec
 - △ OTHER DATA SOURCES
- SPRINGS
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
- AQUIFER TEST
 - Ertec VERIFICATION BORING
 - Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-1
DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-1

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.

(2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.



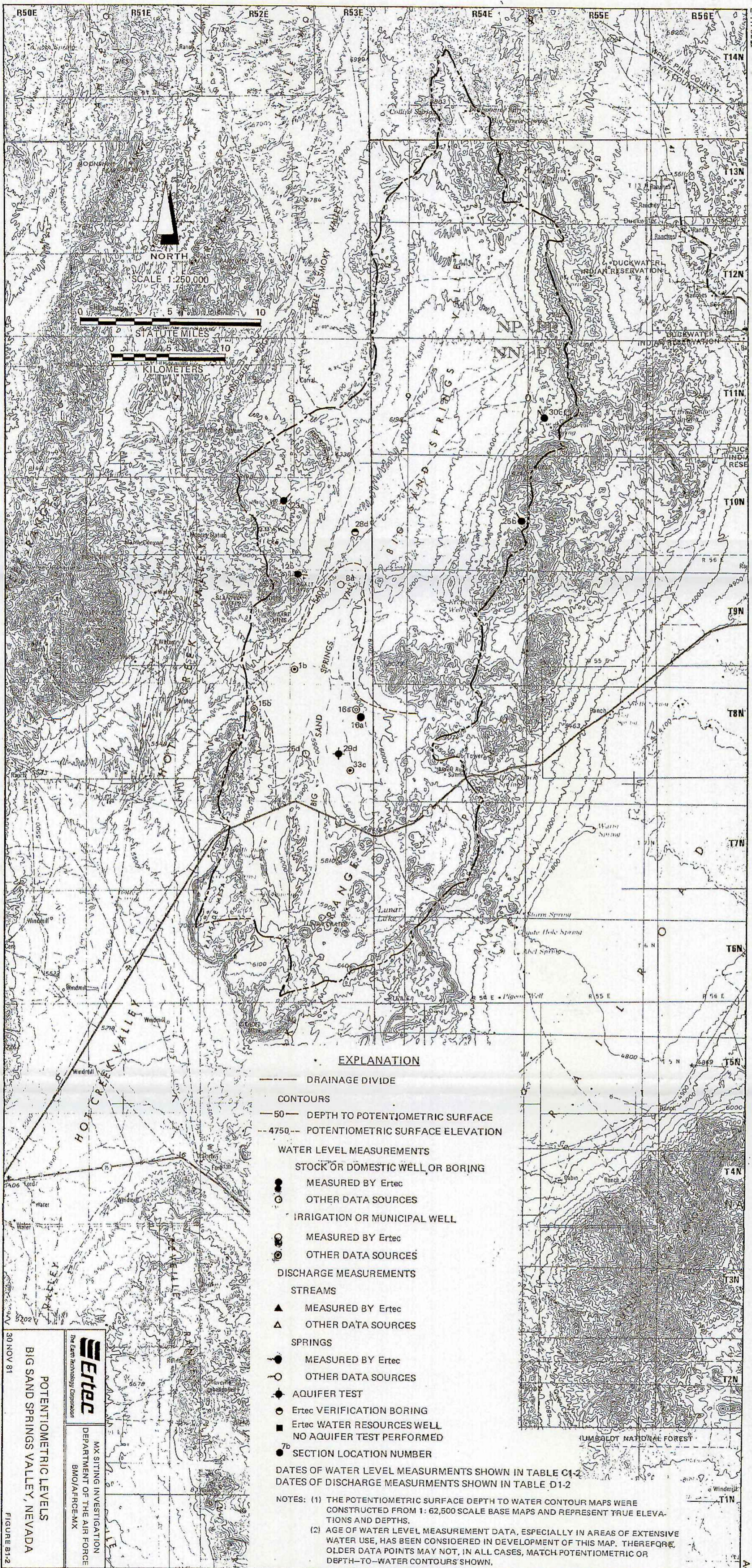
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POTENTIOMETRIC LEVELS
ANTELOPE VALLEY, NEVADA

FIGURE 81-1



EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50 — DEPTH TO POTENTIOMETRIC SURFACE
- - 4750 - - POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- MEASURED BY Ertec
- OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ◆ AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-2
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-2

NOTES: (1) THE POTENTIOMETRIC SURFACE DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

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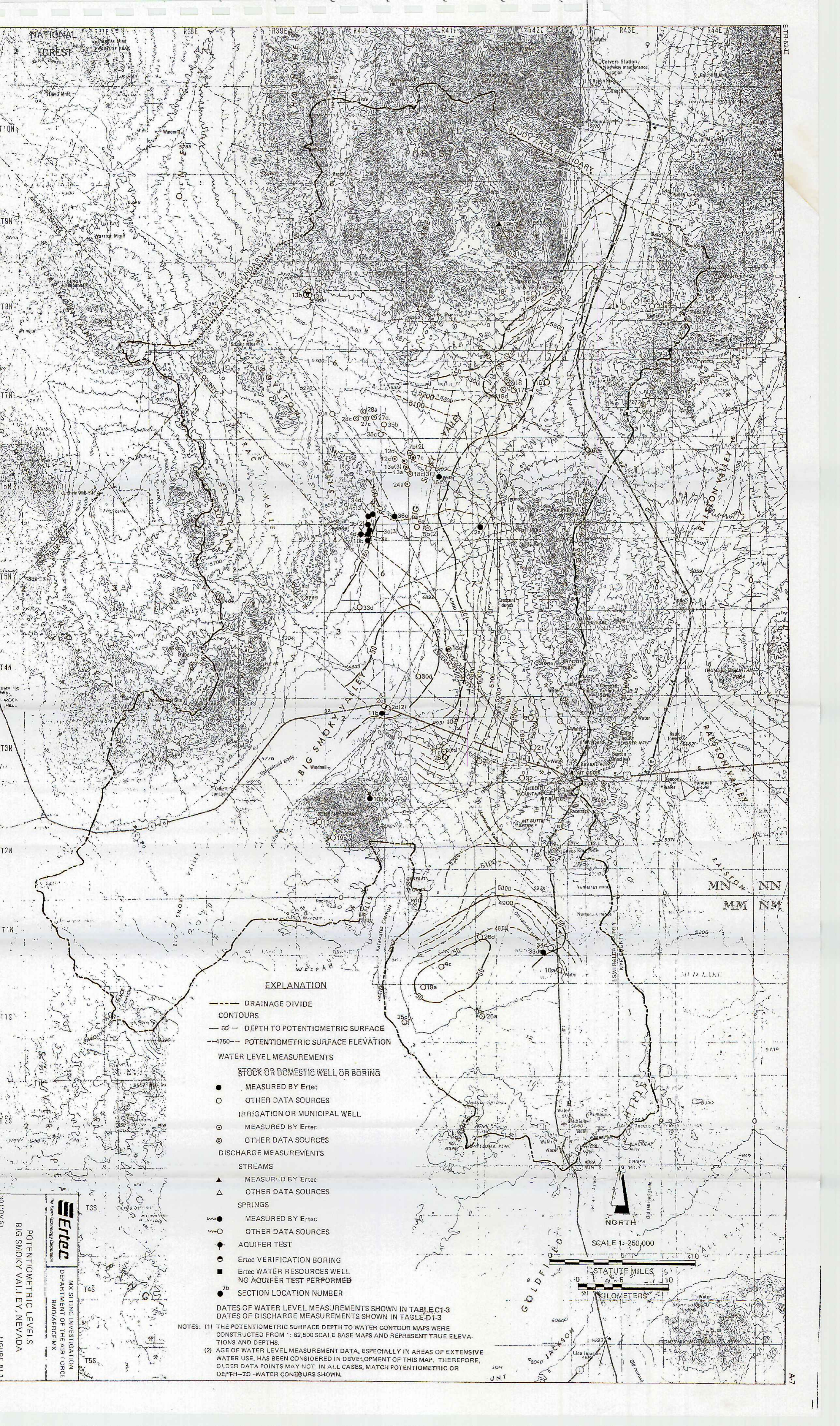
POTENTIOMETRIC LEVELS
 BIG SAND SPRINGS VALLEY, NEVADA

FIGURE B1-2

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E-1R-52-11

A-8



EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50' --- DEPTH TO POTENTIOMETRIC SURFACE
- 4750 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS**
- STOCK OR DOMESTIC WELL OR BORING**
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS**
- STREAMS**
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS**
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ◆ AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-3
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-3

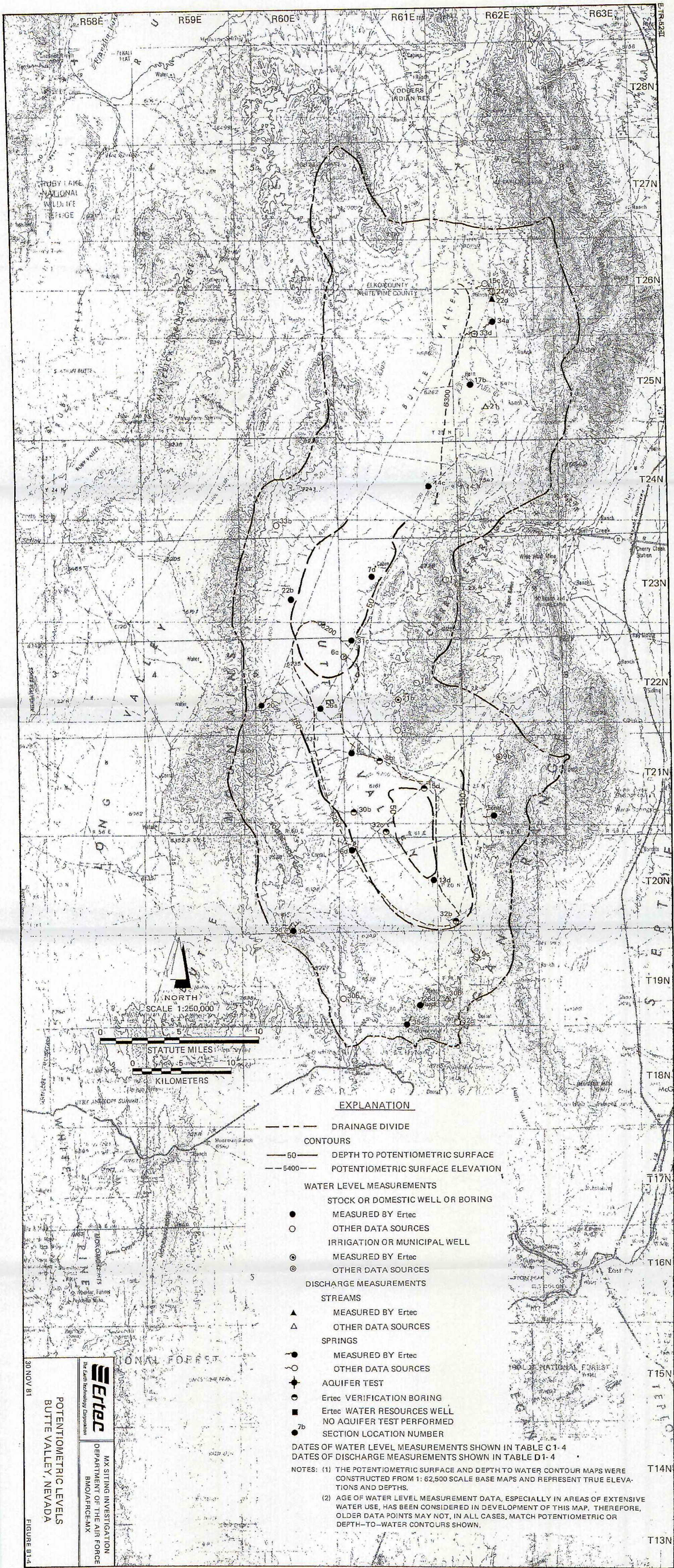
- NOTES: (1) THE POTENTIOMETRIC SURFACE DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1: 62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

NORTH

SCALE 1: 250,000



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 BMD/AFRC MX
 POTENTIOMETRIC LEVELS
 BIG SMOKY VALLEY, NEVADA



EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50 — DEPTH TO POTENTIOMETRIC SURFACE
- 5400 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- AQUIFER TEST
- ⊙ Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- 7b SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-4
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-4

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

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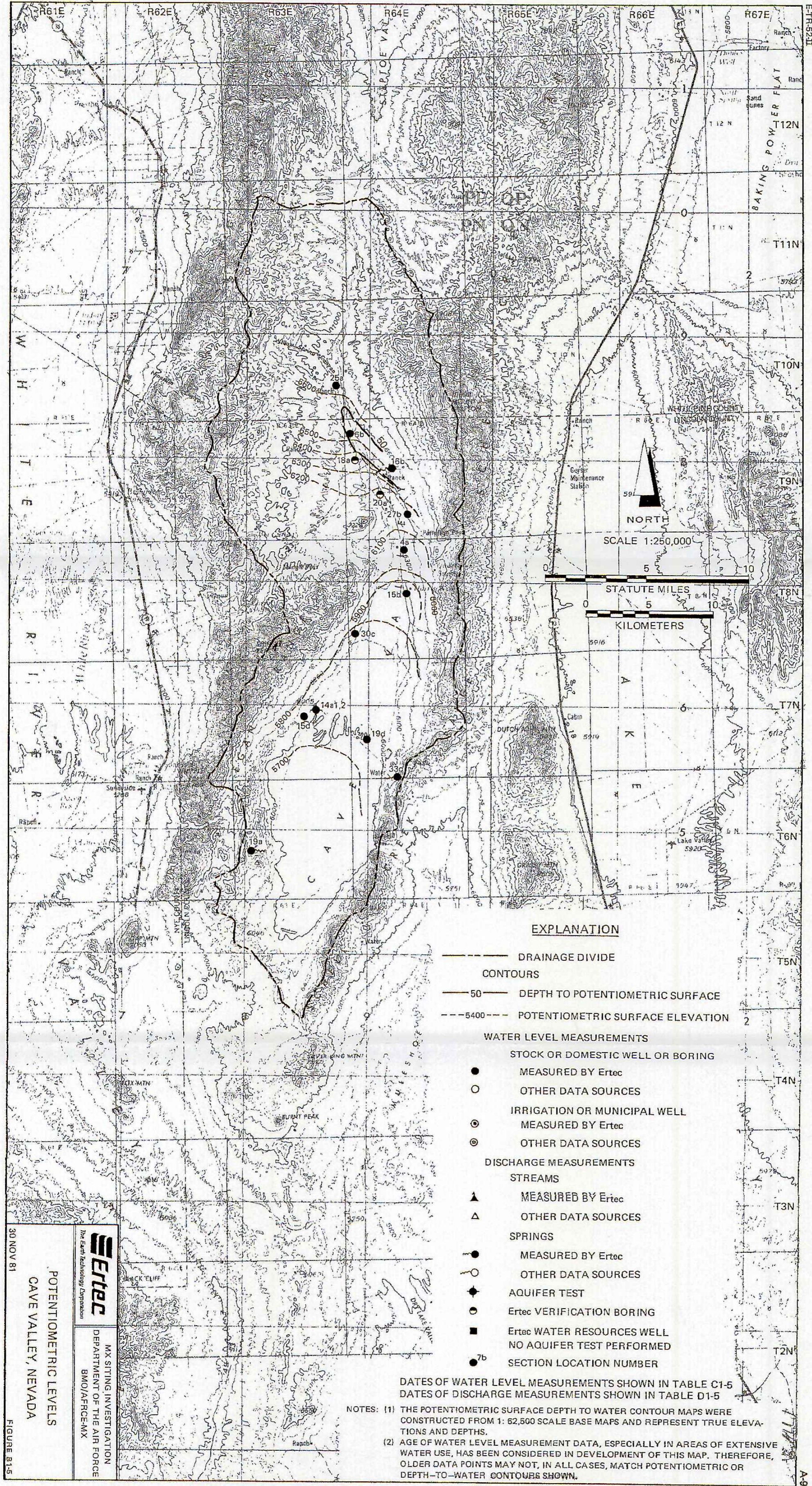
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POTENTIOMETRIC LEVELS
 BUTTE VALLEY, NEVADA

FIGURE 81-4

T13N

A-8



EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50 — DEPTH TO POTENTIOMETRIC SURFACE
- 5400 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- 7b SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-5
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-5

NOTES: (1) THE POTENTIOMETRIC SURFACE DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1: 62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

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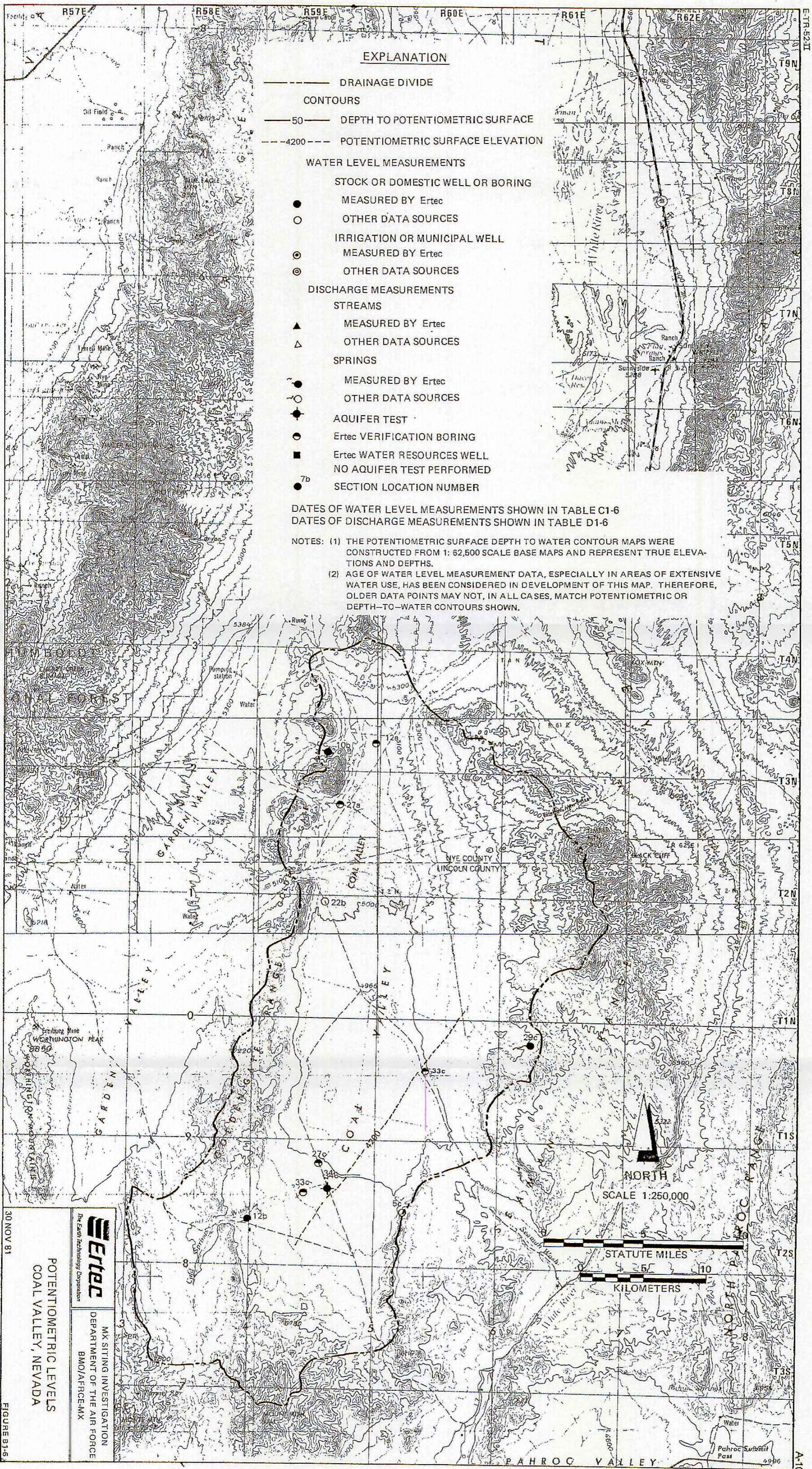
POTENTIOMETRIC LEVELS
 CAVE VALLEY, NEVADA

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 DEPARTMENT OF THE AIR FORCE
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FIGURE B1-5

E-TR-5231

A9



EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50 — DEPTH TO POTENTIOMETRIC SURFACE
- 4200 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ⊙ IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL
- NO AQUIFER TEST PERFORMED
- 7b SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-6
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-6

NOTES: (1) THE POTENTIOMETRIC SURFACE DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:82,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

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POTENTIOMETRIC LEVELS
 COAL VALLEY, NEVADA

FIGURE B1-6

NORTH

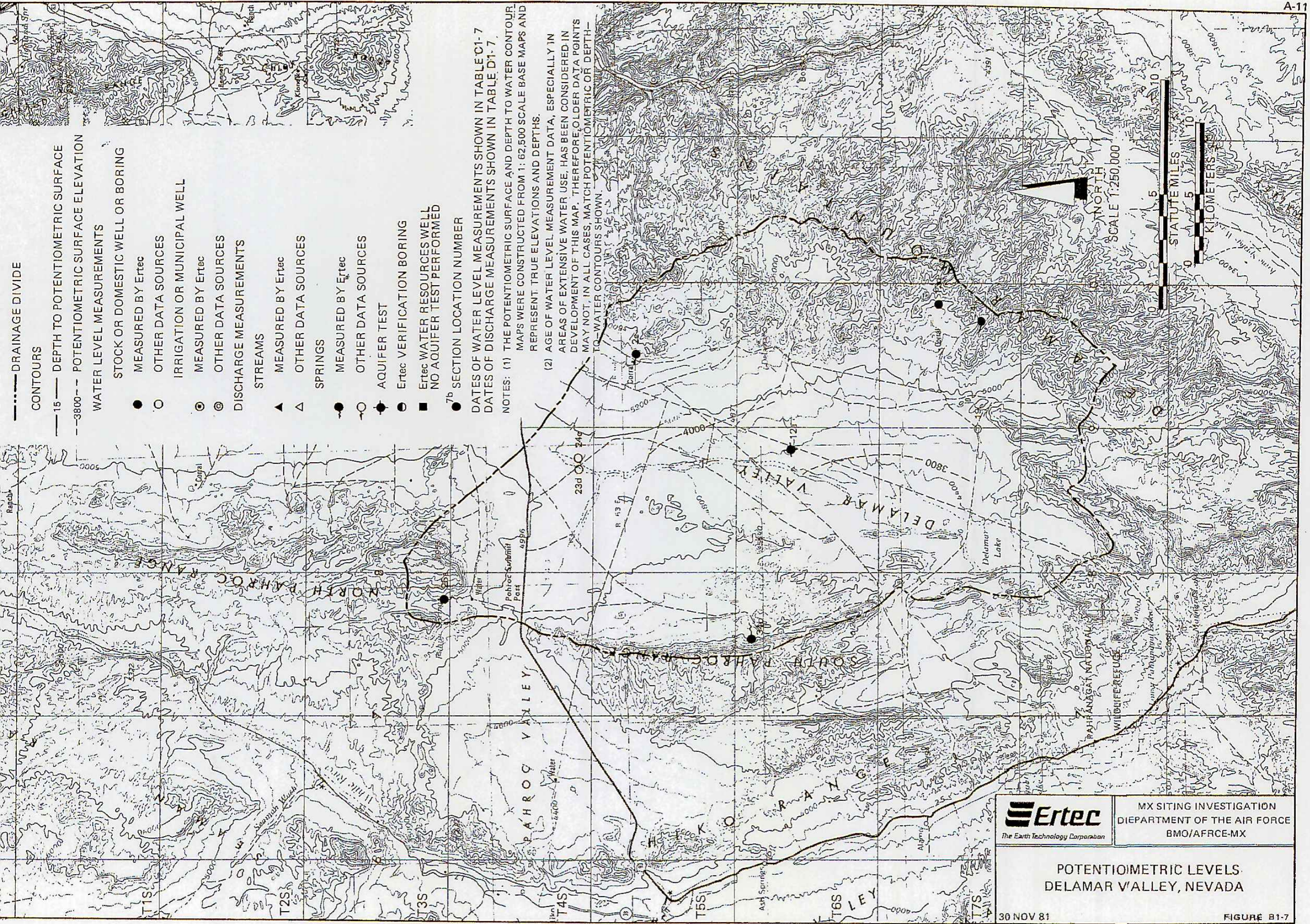
SCALE 1:250,000

STATUTE MILES

KILOMETERS

E-TR-5211

A-10



- DRAINAGE DIVIDE
- CONTOURS
- 15— DEPTH TO POTENTIOMETRIC SURFACE
- 3800-- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING MEASURED BY Ertec
- OTHER DATA SOURCES
- ⊙ IRRIGATION OR MUNICIPAL WELL MEASURED BY Ertec
- ⊗ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ◆ AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- 7b SECTION LOCATION NUMBER

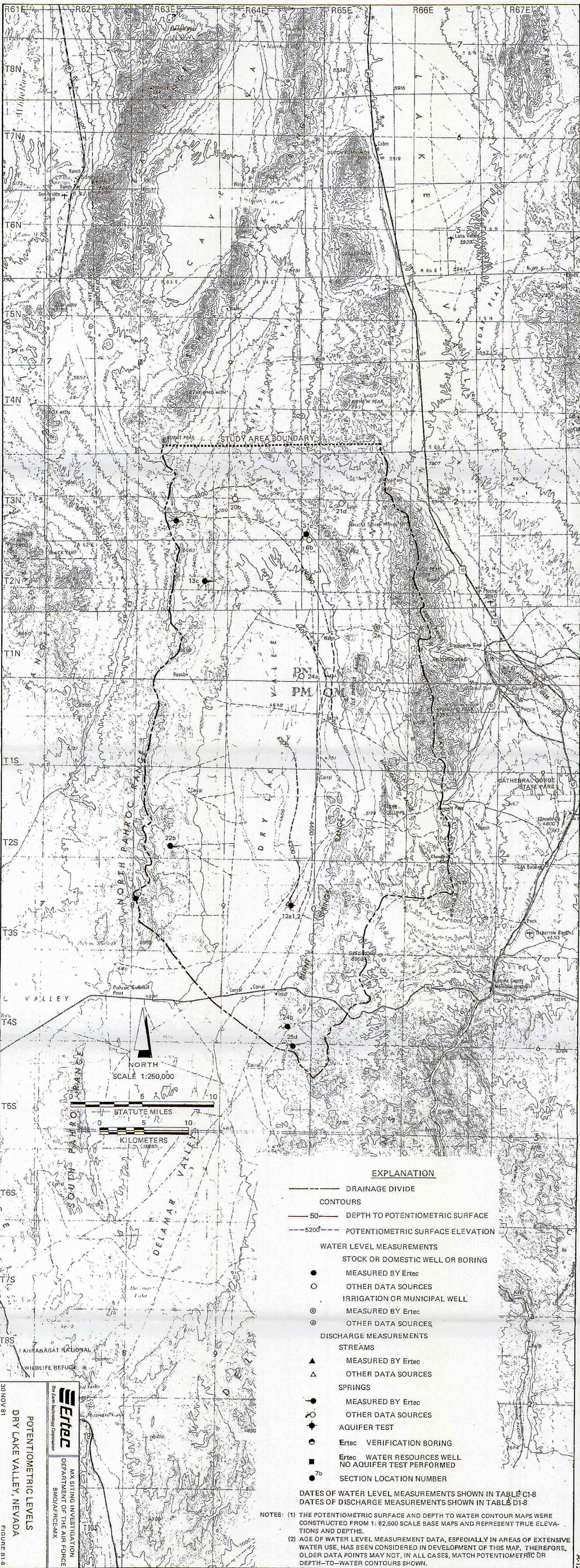
DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-7
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-7

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

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	POTENTIOMETRIC LEVELS DELAMAR VALLEY, NEVADA

30 NOV 81

FIGURE B1-7



EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50 — DEPTH TO POTENTIOMETRIC SURFACE
- 5200 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ⊙ IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ◆ AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

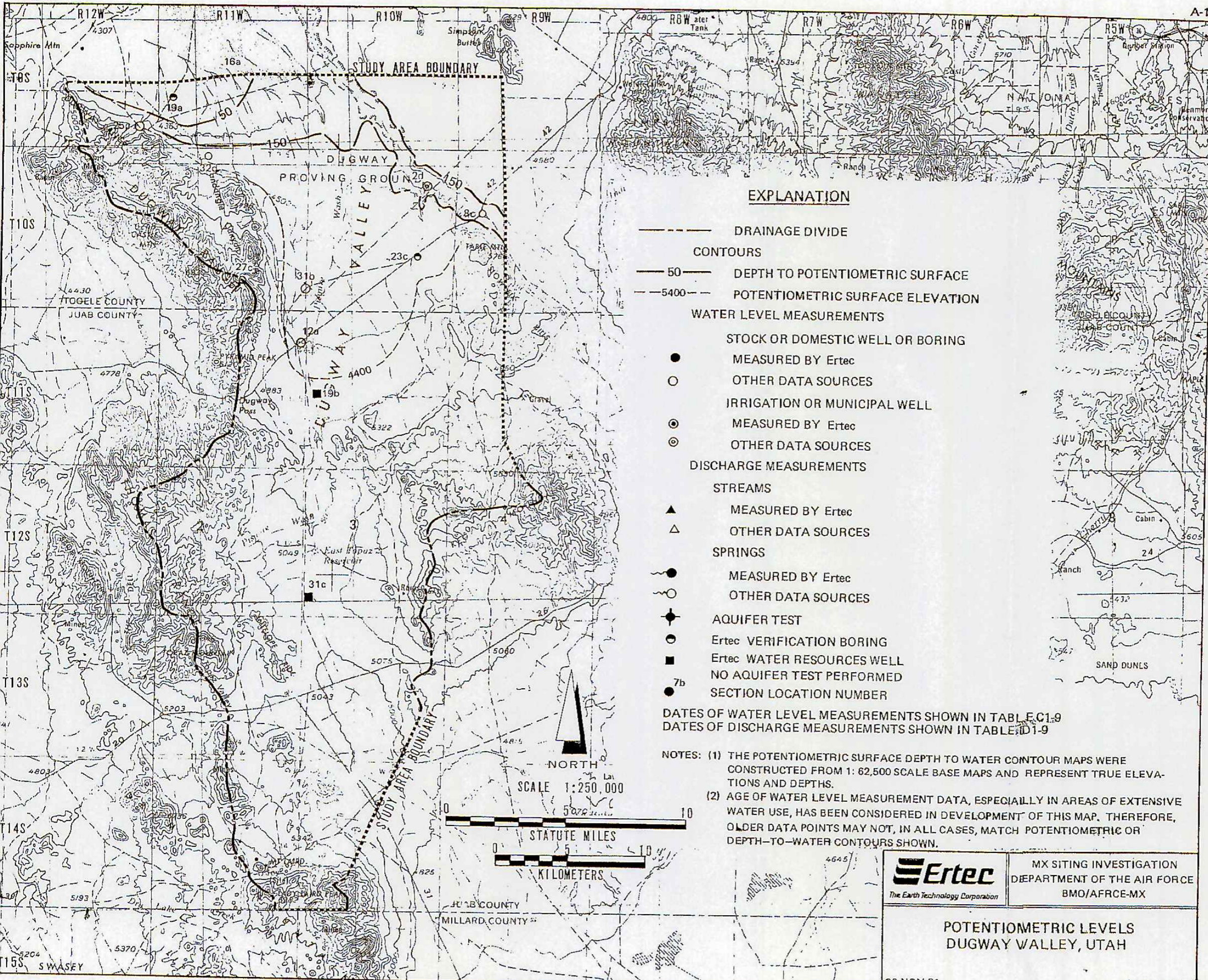
DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-8
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-8

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

POTENTIOMETRIC LEVELS
 DRY LAKE VALLEY, NEVADA
 FIGURE B1-8

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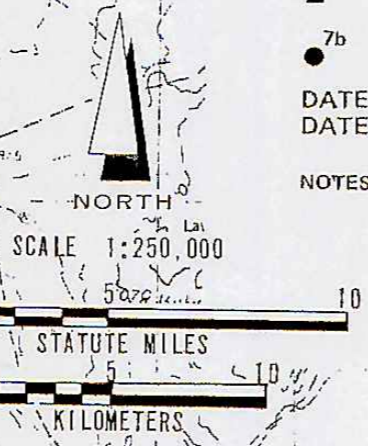


EXPLANATION

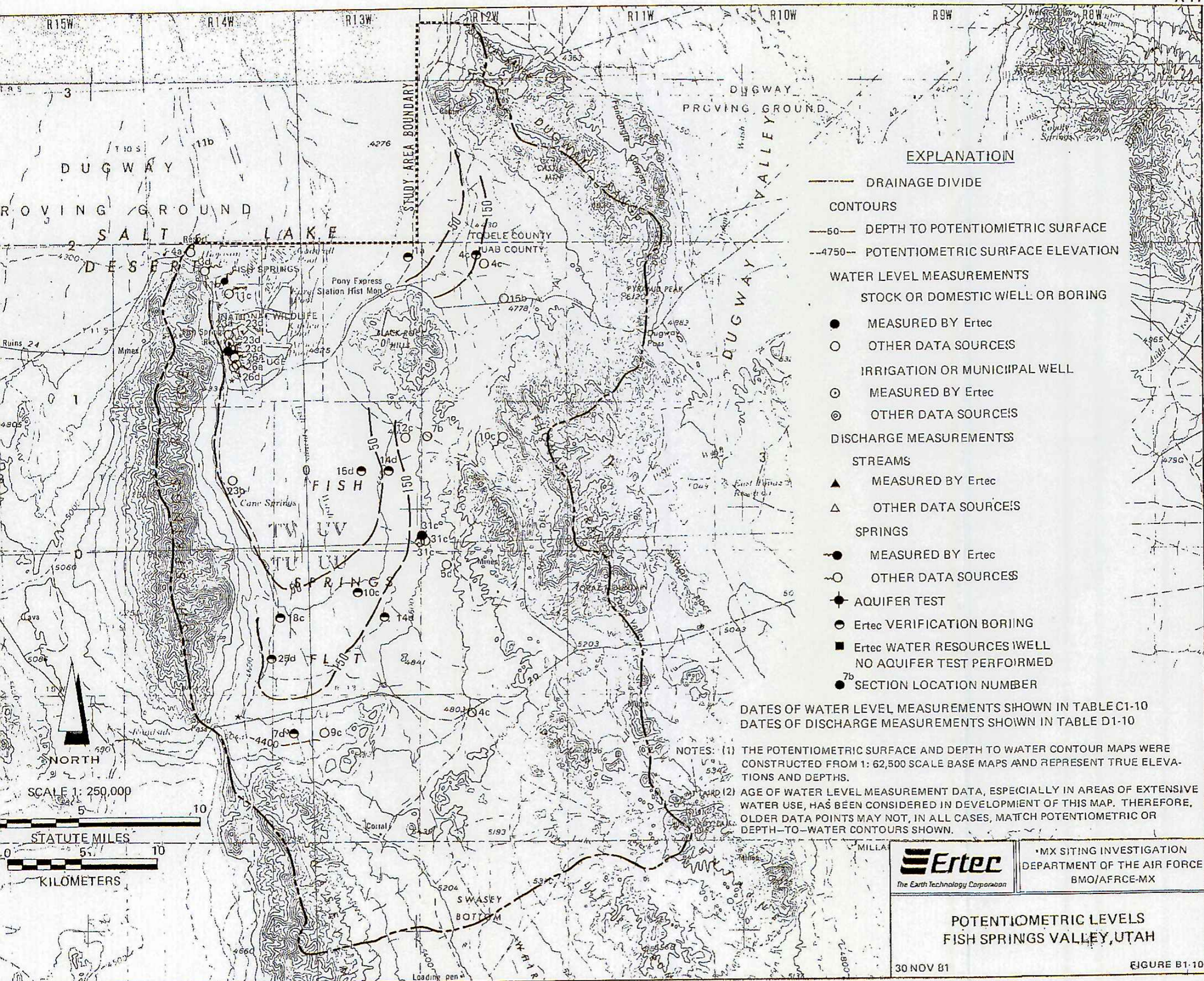
- DRAINAGE DIVIDE
- CONTOURS
- 50 — DEPTH TO POTENTIOMETRIC SURFACE
- 5400 — POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- ▲ STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ◆ AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL
- NO AQUIFER TEST PERFORMED
- 7b SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-9
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-9

NOTES: (1) THE POTENTIOMETRIC SURFACE DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1: 62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.



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	POTENTIOMETRIC LEVELS DUGWAY VALLEY, UTAH

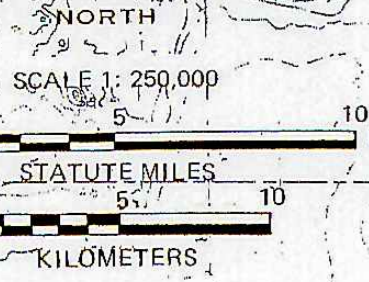


EXPLANATION

- DRAINAGE DIVIDE
- 50 --- CONTOURS
- 60 --- DEPTH TO POTENTIOMETRIC SURFACE
- 4750 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- MEASURED BY Ertec
- OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- ▲ STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ◆ AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES IWELL NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-10
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-10

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1: 62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

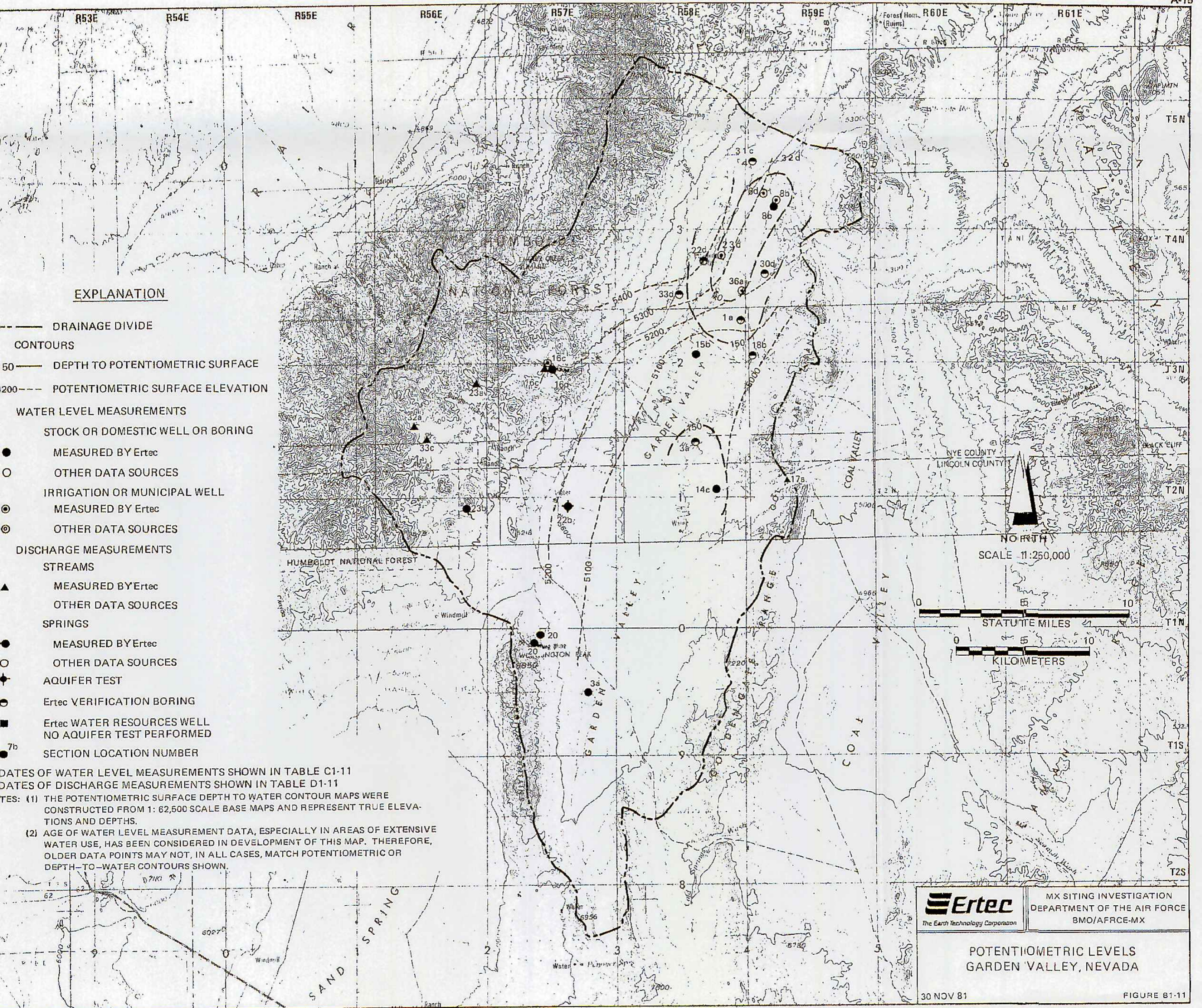


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**POTENTIOMETRIC LEVELS
 FISH SPRINGS VALLEY, UTAH**

30 NOV 81 FIGURE B1-10



EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50 --- DEPTH TO POTENTIOMETRIC SURFACE
- 200 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- ▲ STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- MEASURED BY Ertec
- OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ◆ AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- 7b SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-11
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-11
 NOTES: (1) THE POTENTIOMETRIC SURFACE DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

NORTH

SCALE 1:250,000

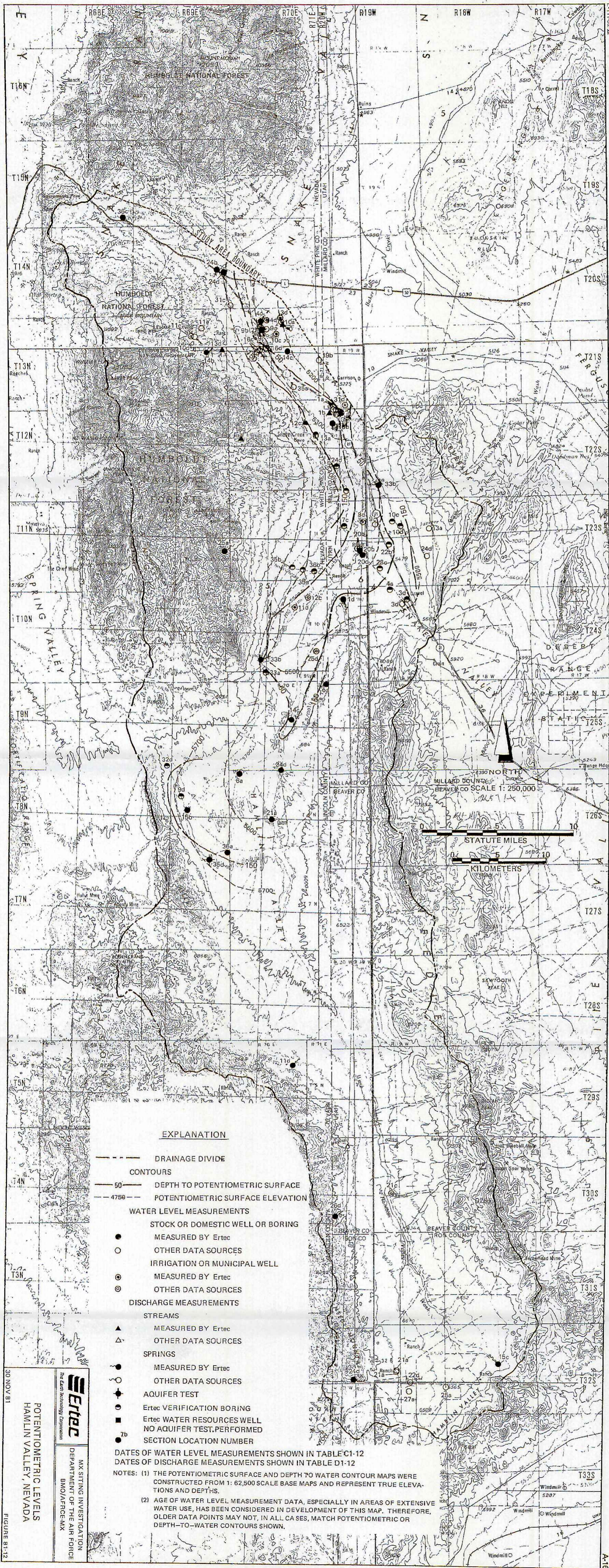
0 5 10
STATUTE MILES

0 5 10
KILOMETERS

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**POTENTIOMETRIC LEVELS
GARDEN VALLEY, NEVADA**



EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50 --- DEPTH TO POTENTIOMETRIC SURFACE
- 4750 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ⊙ IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- ▲ STREAMS
- ▲ MEASURED BY Ertec
- ▲ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL
- NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-12
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-12

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

30 NOV 81

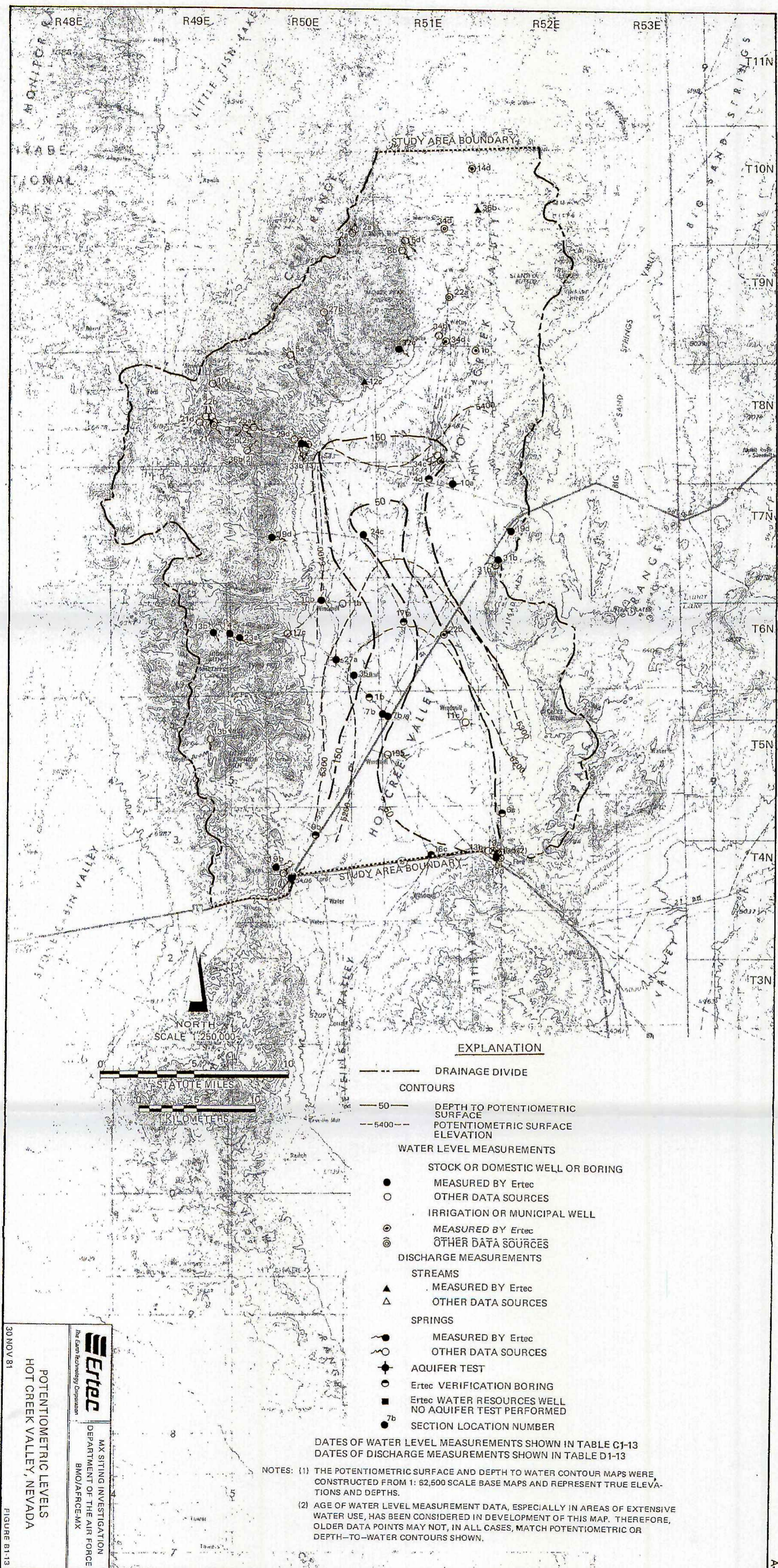
Ertec
 The Earth Technology Corporation

POTENTIOMETRIC LEVELS
 HAMLIN VALLEY, NEVADA

MX SITING INVESTIGATION
 DEPARTMENT OF THE AIR FORCE
 BMO/AFRC/MX

FIGURE 81-12

A-18



EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50 — DEPTH TO POTENTIOMETRIC SURFACE
- 5400 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- 7b SECTION LOCATION NUMBER

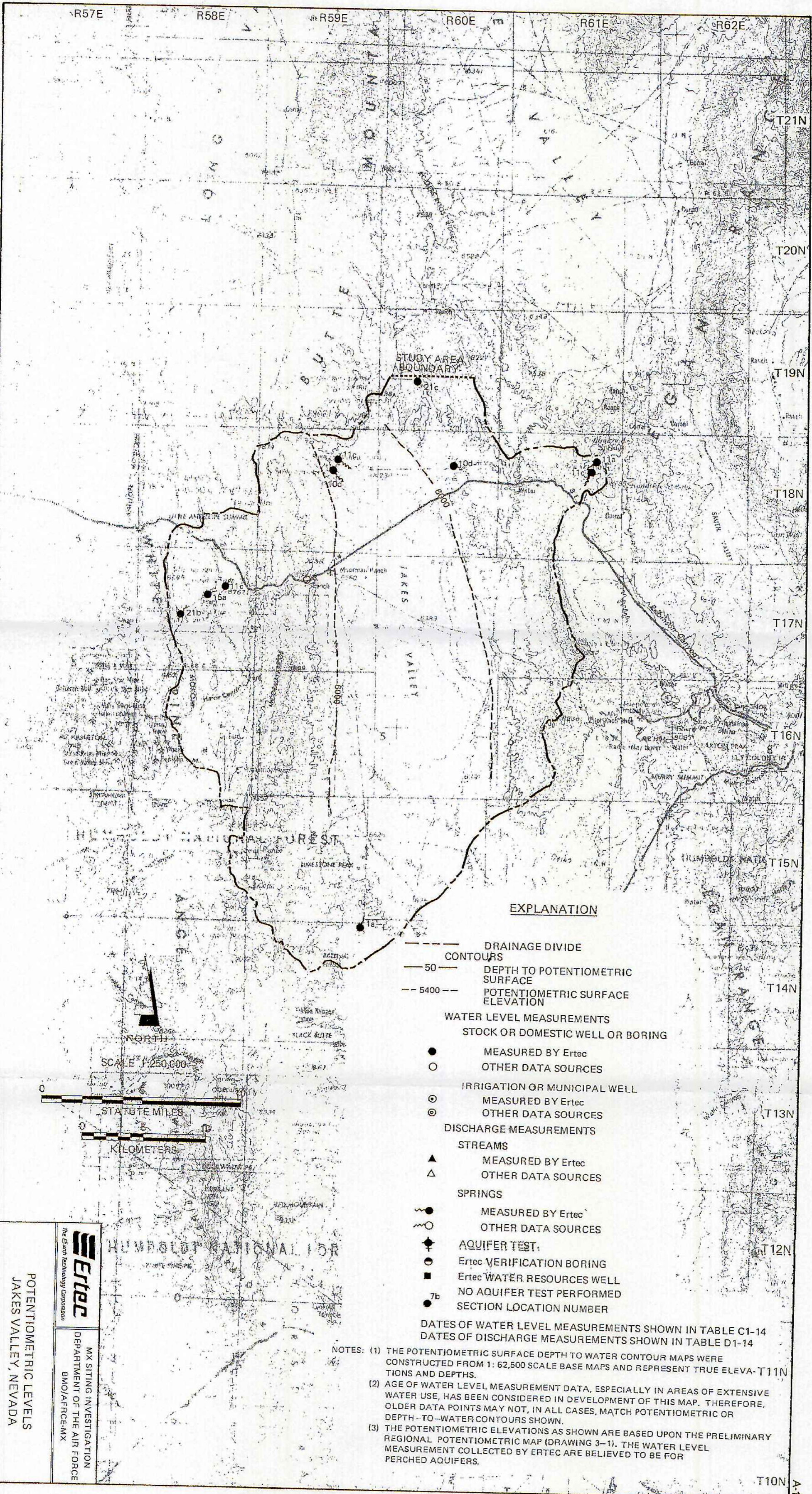
DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-13
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-13

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1: 62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

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POTENTIOMETRIC LEVELS
 HOT CREEK VALLEY, NEVADA
 30 NOV 81
 FIGURE B1-13

ETR-8211
 T11N
 T10N
 T9N
 T8N
 T7N
 T6N
 T5N
 T4N
 T3N
 A-17



EXPLANATION

- DRAINAGE DIVIDE
- 50 --- DEPTH TO POTENTIOMETRIC SURFACE
- 5400 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊗ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ◆ AQUIFER TEST
- ⊙ Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL
- NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-14
DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-14

NOTES: (1) THE POTENTIOMETRIC SURFACE DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.

(2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

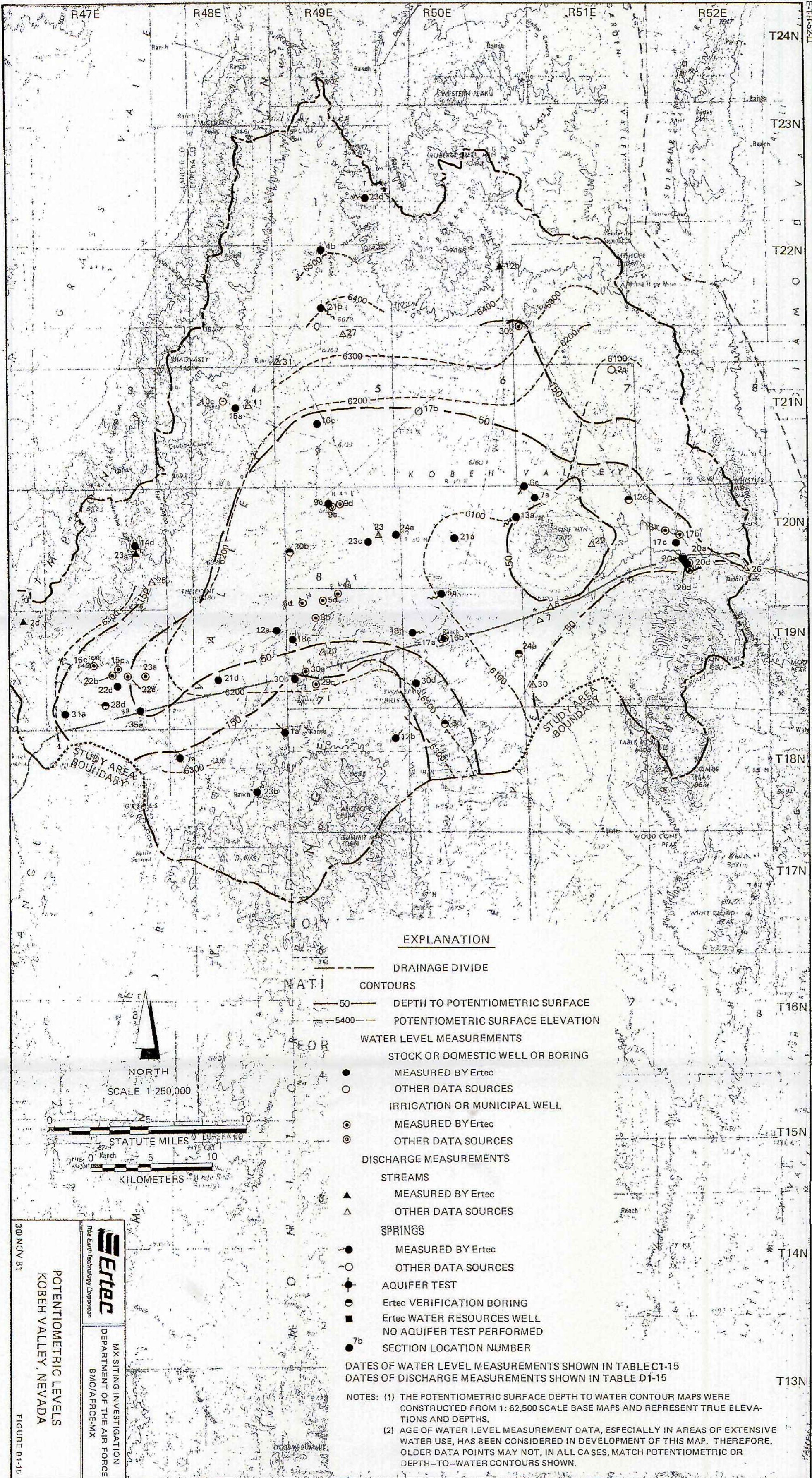
(3) THE POTENTIOMETRIC ELEVATIONS AS SHOWN ARE BASED UPON THE PRELIMINARY REGIONAL POTENTIOMETRIC MAP (DRAWING 3-1). THE WATER LEVEL MEASUREMENT COLLECTED BY ERTEC ARE BELIEVED TO BE FOR PERCHED AQUIFERS.

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POTENTIOMETRIC LEVELS
JAKES VALLEY, NEVADA

30 NOV 81
FIGURE 81 14

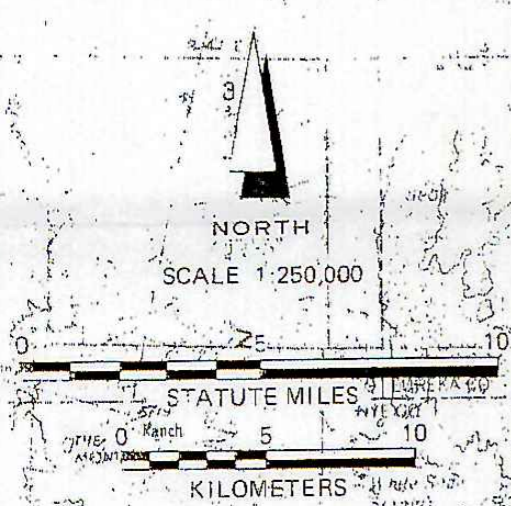


EXPLANATION

- DRAINAGE DIVIDE
- 50 --- CONTOURS DEPTH TO POTENTIOMETRIC SURFACE
- 5400 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS STOCK OR DOMESTIC WELL OR BORING
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - ⊙ MEASURED BY Ertec
 - ⊙ OTHER DATA SOURCES
- ⊙ DISCHARGE MEASUREMENTS
- ▲ STREAMS
 - ▲ MEASURED BY Ertec
 - △ OTHER DATA SOURCES
- SPRINGS
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - AQUIFER TEST
 - Ertec VERIFICATION BORING
 - Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
 - 7b SECTION LOCATION NUMBER

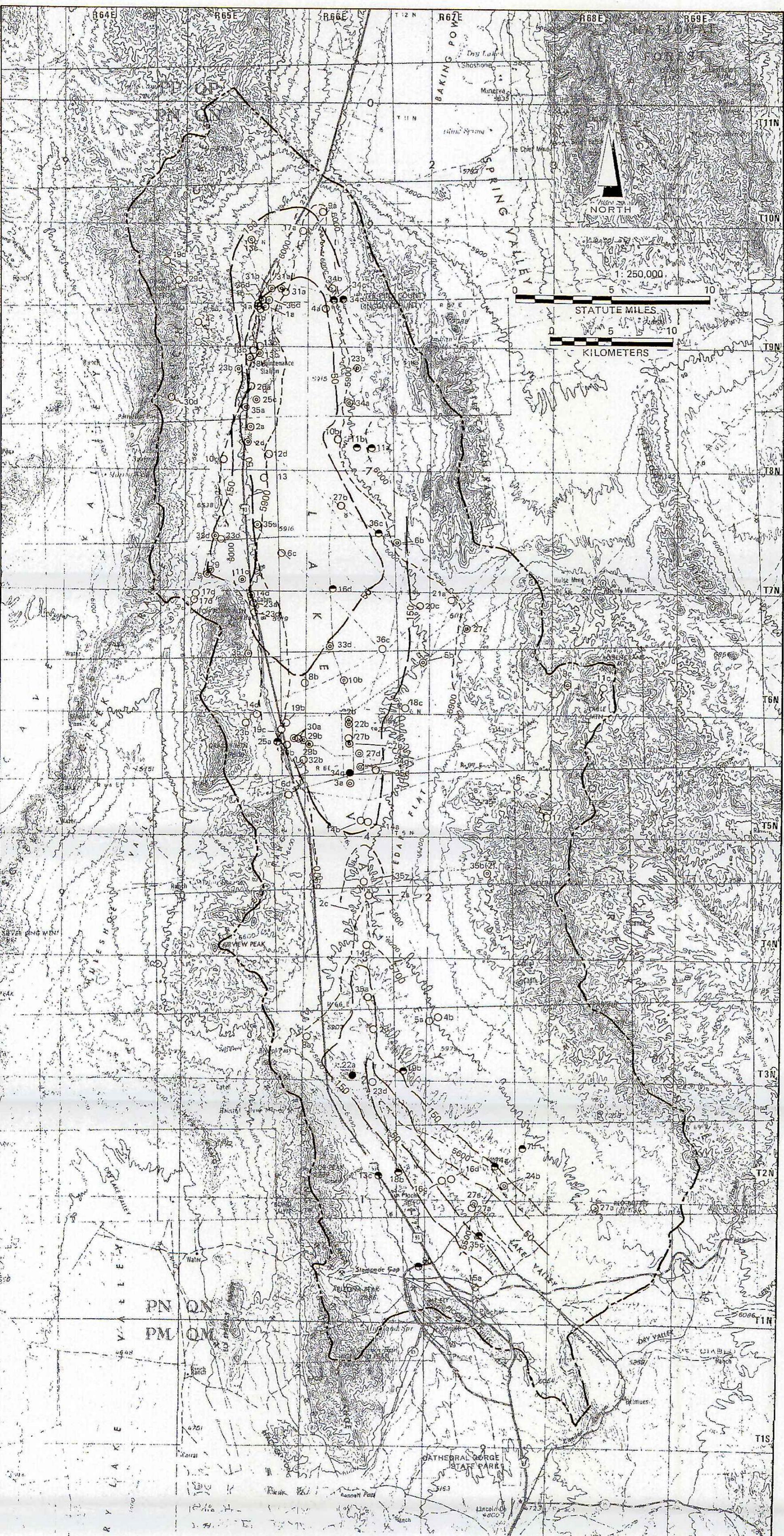
DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-15
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-15

NOTES: (1) THE POTENTIOMETRIC SURFACE DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.



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 BMO/ARCE-MX
**POTENTIOMETRIC LEVELS
 KOBEH VALLEY, NEVADA**
 FIGURE B1-15

T24N
 T23N
 T22N
 T21N
 T20N
 T19N
 T18N
 T17N
 T16N
 T15N
 T14N
 T13N
 A-19



EXPLANATION

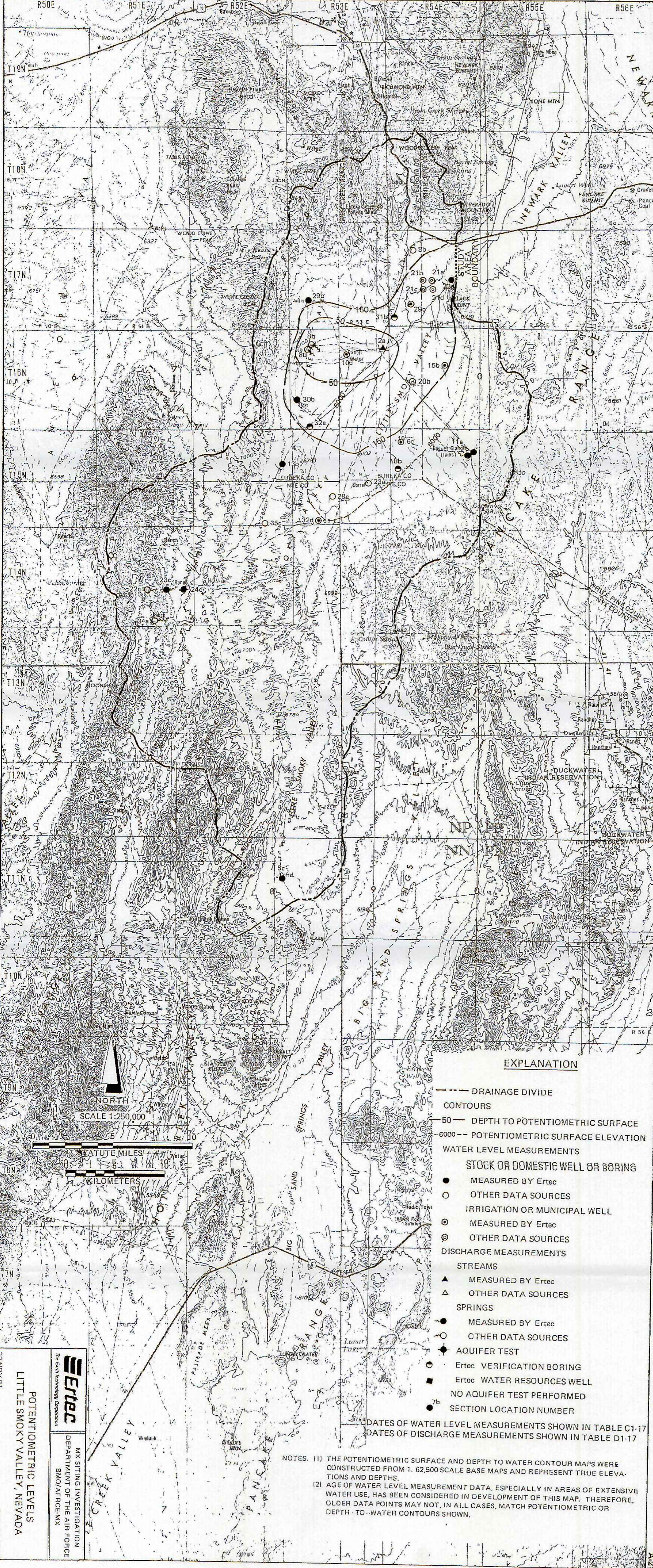
- DRAINAGE DIVIDE
- CONTOURS
 - 50 — DEPTH TO POTENTIOMETRIC SURFACE
 - 6400 — POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
 - STOCK OR DOMESTIC WELL OR BORING
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - IRRIGATION OR MUNICIPAL WELL
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - DISCHARGE MEASUREMENTS
 - STREAMS
 - ▲ MEASURED BY Ertec
 - △ OTHER DATA SOURCES

- SPRINGS
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - AQUIFER TEST
 - Ertec VERIFICATION BORING
 - Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
 - SECTION LOCATION NUMBER
- DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-16
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-16

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS. AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

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POTENTIOMETRIC LEVELS
 LAKE VALLEY, NEVADA
 FIGURE D1-16

E-TR-82-II
A-20



EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50 --- DEPTH TO POTENTIOMETRIC SURFACE
- 6000 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ⊙ IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ◆ AQUIFER TEST
- Ertec VERIFICATION BORING
- ◆ Ertec WATER RESOURCES WELL
- NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

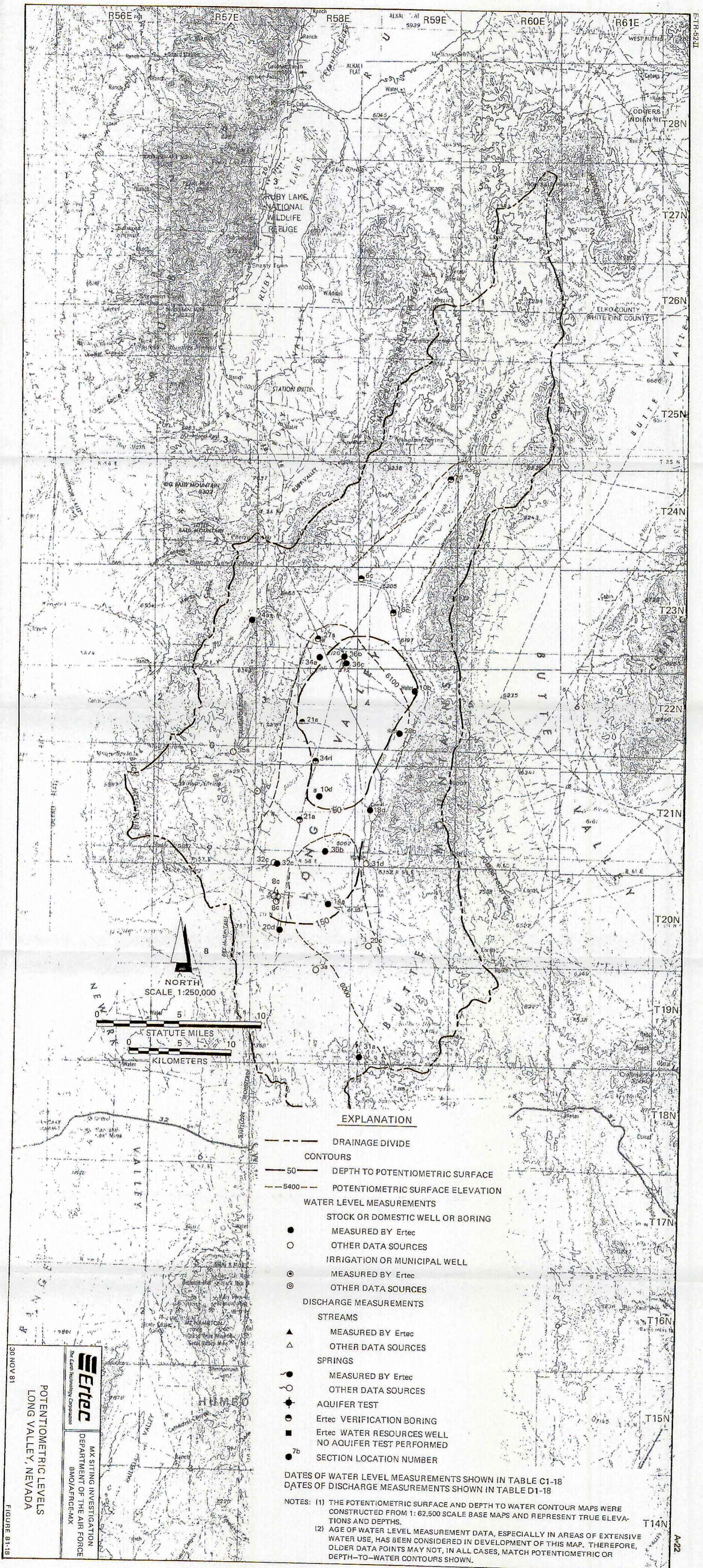
DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-17
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-17

NOTES. (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

Ertec
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 DEPARTMENT OF THE AIR FORCE
 BMO/AFRC/MX

POTENTIOMETRIC LEVELS
 LITTLE SMOKY VALLEY, NEVADA

30 NOV 81
 FIGURE B1-17



NORTH
SCALE 1:250,000

0 5 10
STATUTE MILES

0 5 10
KILOMETERS

- EXPLANATION**
- DRAINAGE DIVIDE
 - CONTOURS
 - 50 DEPTH TO POTENTIOMETRIC SURFACE
 - 5400 POTENTIOMETRIC SURFACE ELEVATION
 - WATER LEVEL MEASUREMENTS
 - STOCK OR DOMESTIC WELL OR BORING
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - ⊙ IRRIGATION OR MUNICIPAL WELL
 - ⊙ MEASURED BY Ertec
 - ⊙ OTHER DATA SOURCES
 - DISCHARGE MEASUREMENTS
 - STREAMS
 - ▲ MEASURED BY Ertec
 - ▲ OTHER DATA SOURCES
 - SPRINGS
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - ◆ AQUIFER TEST
 - Ertec VERIFICATION BORING
 - Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
 - 7b SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-18
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-18

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

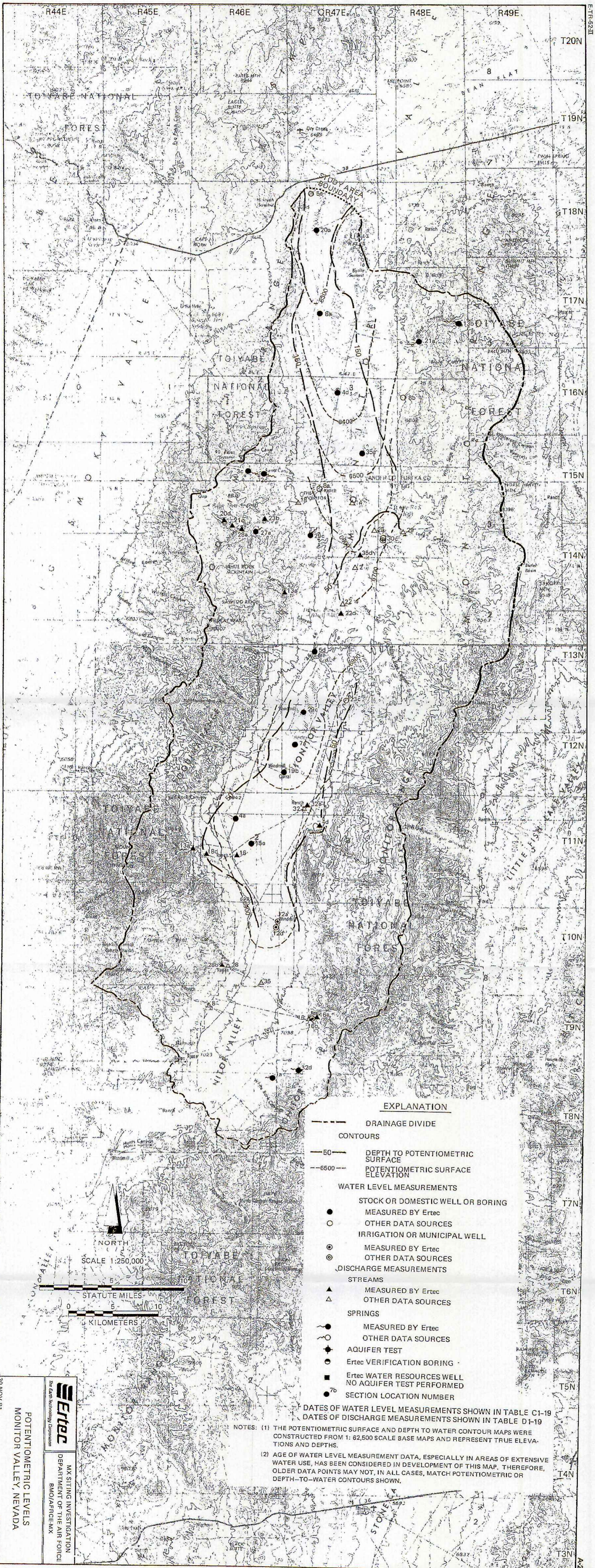
30 NOV 81

Ertec
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DEPARTMENT OF THE AIR FORCE
BMO/AFCOEMX

POTENTIOMETRIC LEVELS
LONG VALLEY, NEVADA

FIGURE 81-18

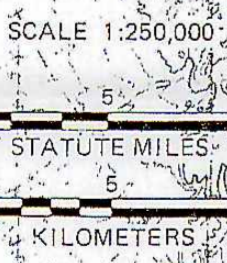


EXPLANATION

- DRAINAGE DIVIDE
- 50 --- CONTOURS
- 6500 --- DEPTH TO POTENTIOMETRIC SURFACE
- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- ▲ STREAMS
- ▲ MEASURED BY Ertec
- ▲ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ◆ AQUIFER TEST
- ◆ Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-19
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-19

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.



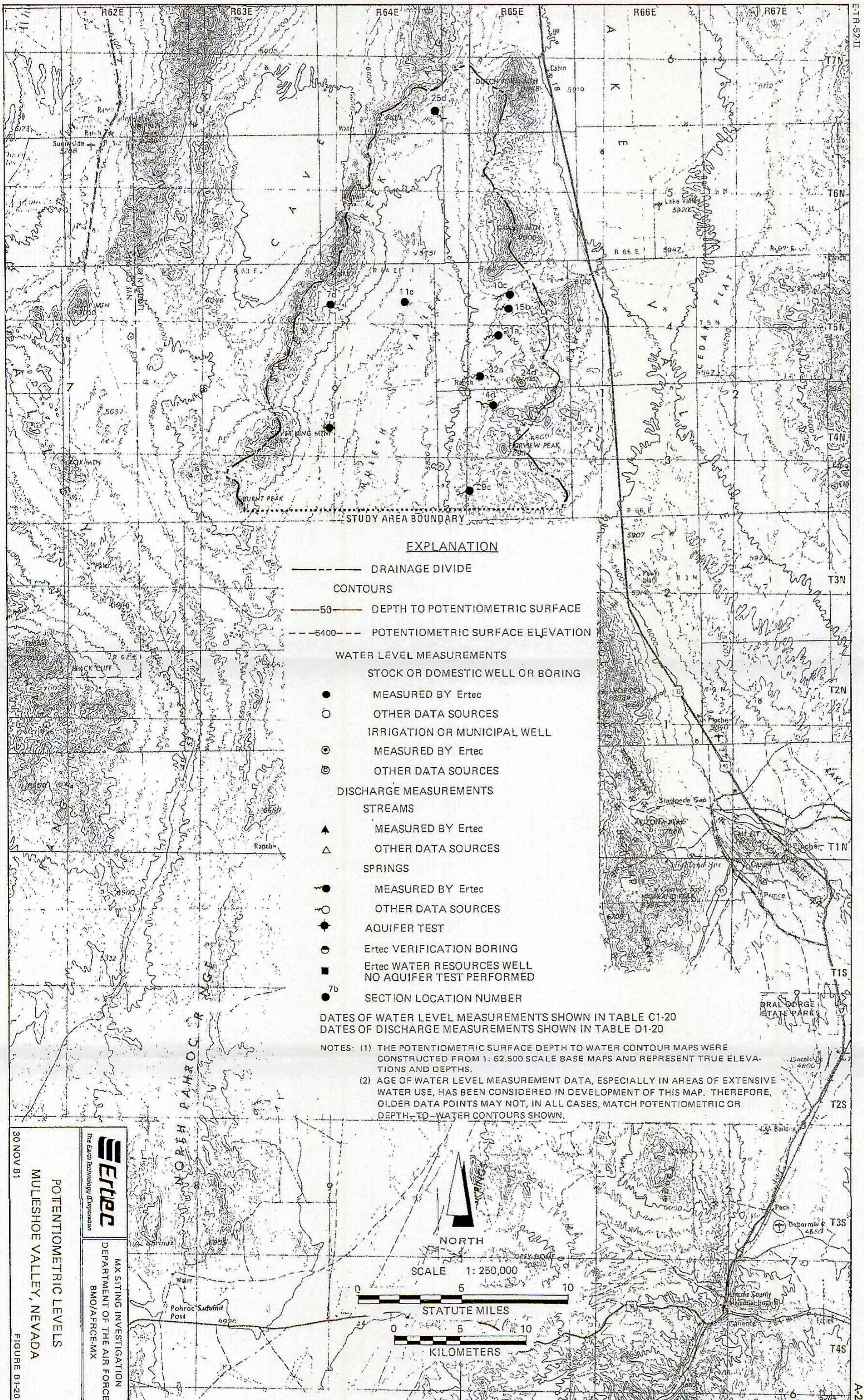
NORTH

SCALE 1:250,000

STATUTE MILES

KILOMETERS

30 NOV 81
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**POTENTIOMETRIC LEVELS
 MONITOR VALLEY, NEVADA**
 FIGURE B1-19



EXPLANATION

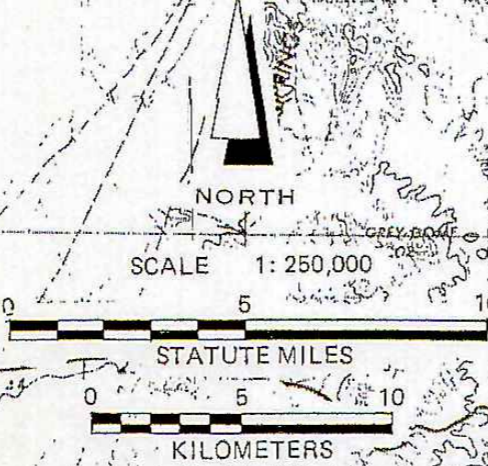
- DRAINAGE DIVIDE
- CONTOURS
- 50— DEPTH TO POTENTIOMETRIC SURFACE
- - -6400- - - POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ⊙ IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ◆ AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- 7b SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-20
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-20

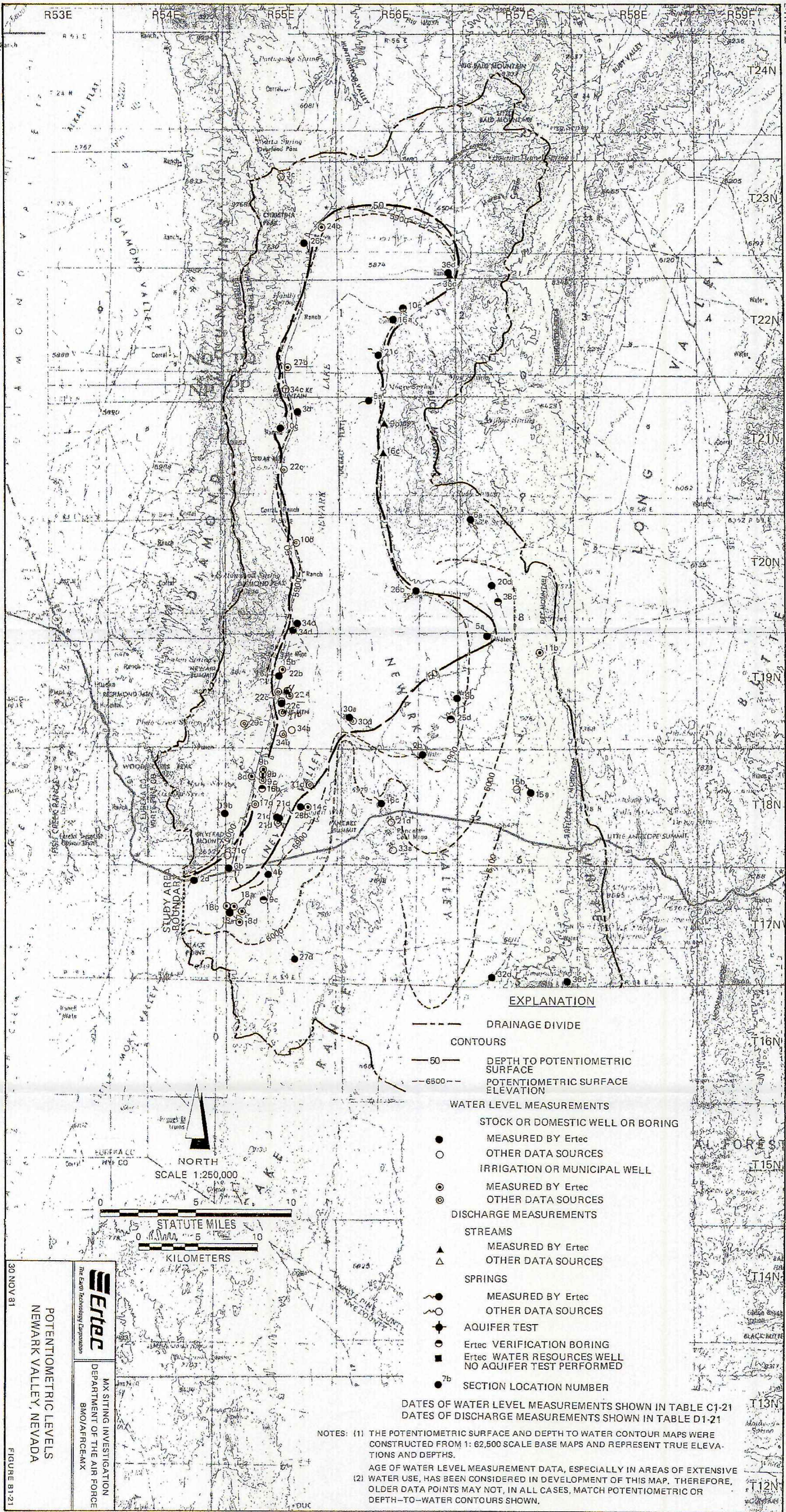
NOTES: (1) THE POTENTIOMETRIC SURFACE DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

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POTENTIOMETRIC LEVELS
 MULLESHOE VALLEY, NEVADA
 30 NOV 81
 FIGURE B1-20



E-T-R-52-II
A-24



EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50 — DEPTH TO POTENTIOMETRIC SURFACE
- 6800 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ◆ AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- 7b SECTION LOCATION NUMBER

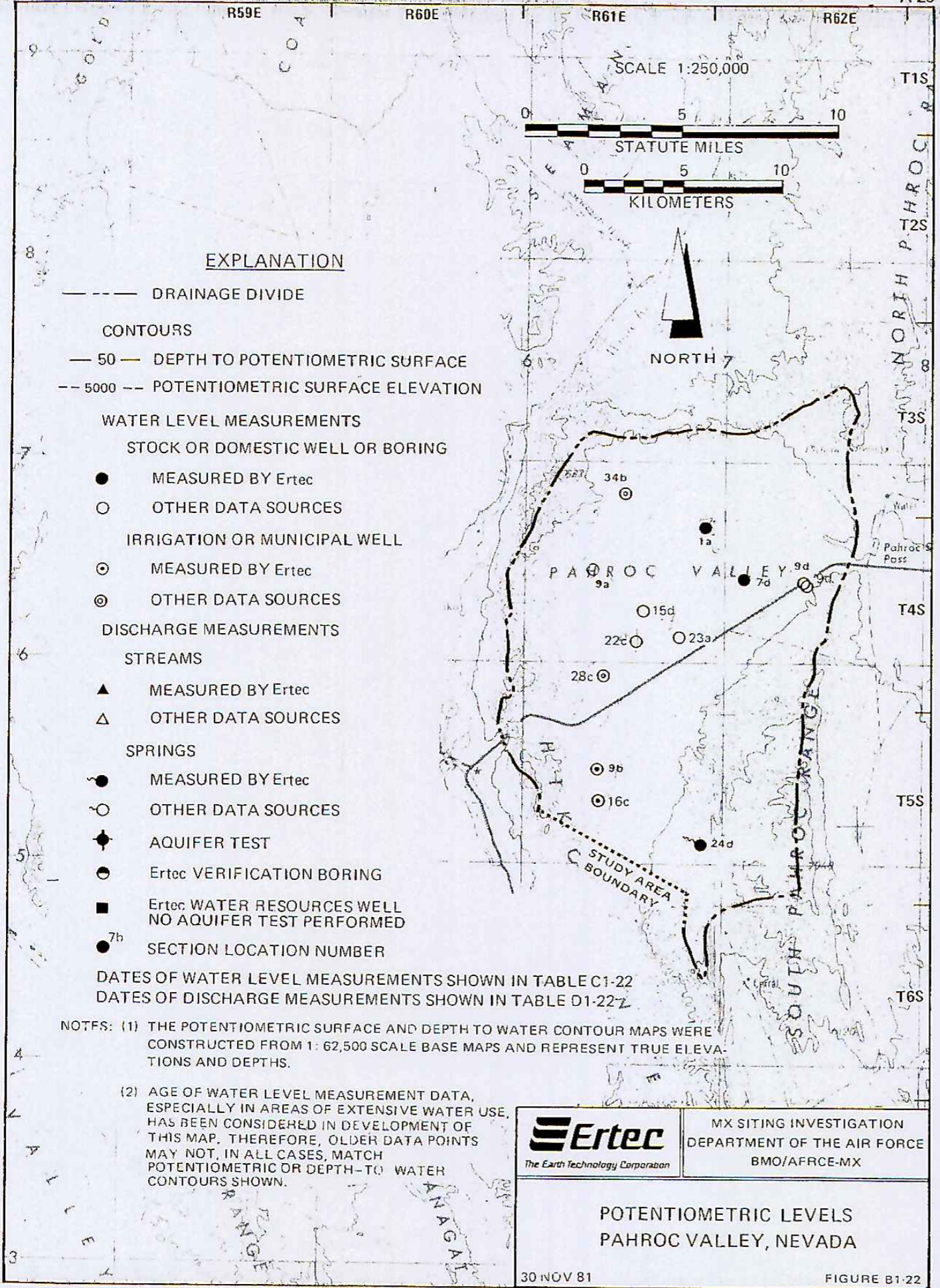
DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-21
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-21

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

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POTENTIOMETRIC LEVELS
 NEWARK VALLEY, NEVADA
 30 NOV 81
 FIGURE B1-21

ETR-5211
 T24N
 T23N
 T22N
 T21N
 T20N
 T19N
 T18N
 T17N
 T16N
 T15N
 T14N
 T13N
 T12N
 A-25



EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
 - 50 — DEPTH TO POTENTIOMETRIC SURFACE
 - 5000 -- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
 - STOCK OR DOMESTIC WELL OR BORING
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - IRRIGATION OR MUNICIPAL WELL
 - ⊙ MEASURED BY Ertec
 - ⊗ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
 - STREAMS
 - ▲ MEASURED BY Ertec
 - △ OTHER DATA SOURCES
 - SPRINGS
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - ◆ AQUIFER TEST
 - ⊙ Ertec VERIFICATION BORING
 - Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
 - ^{7b} SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-22
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-22Z

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1: 62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.

(2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO WATER CONTOURS SHOWN.



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**POTENTIOMETRIC LEVELS
 PAHROC VALLEY, NEVADA**

30 NOV 81

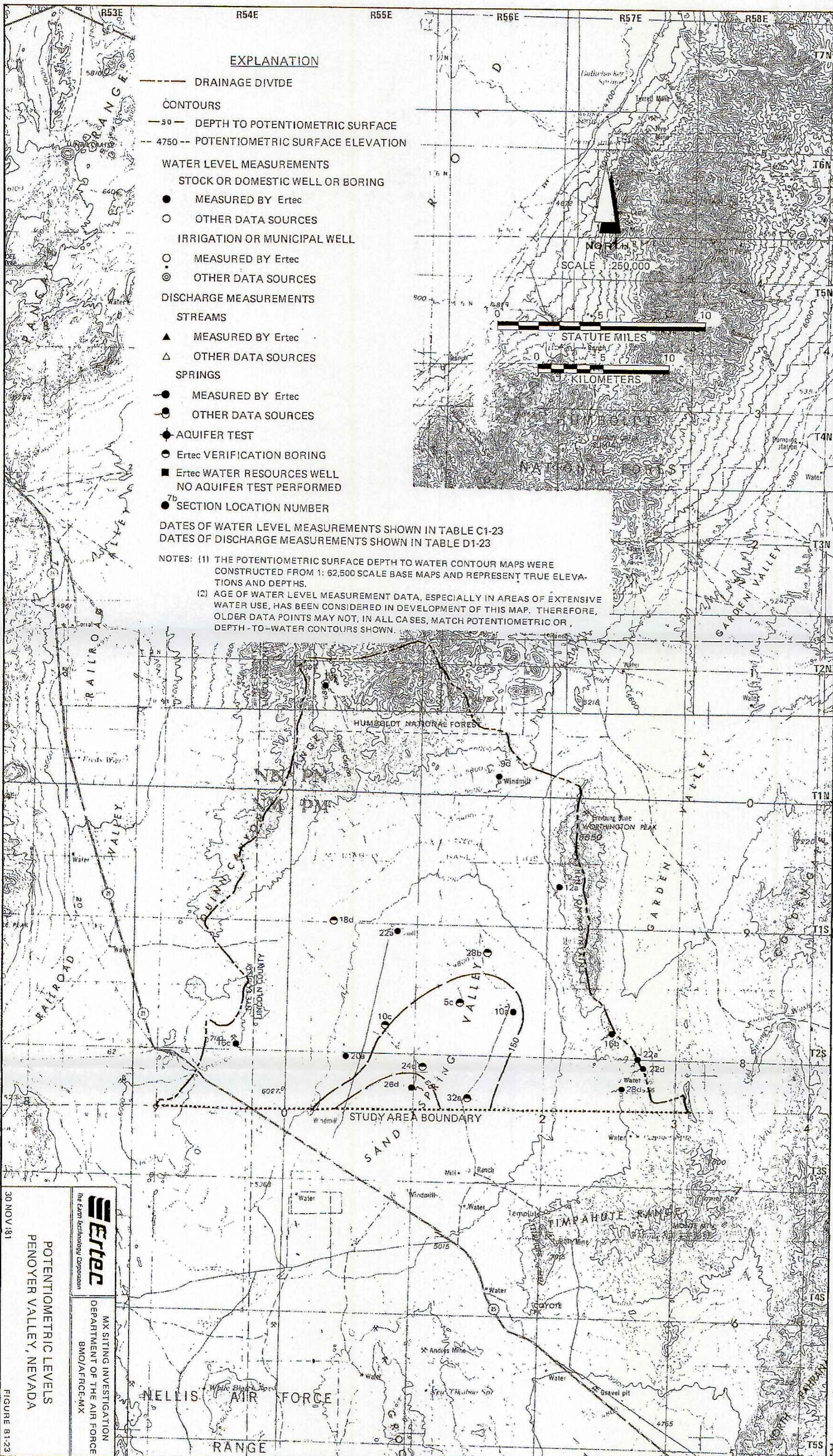
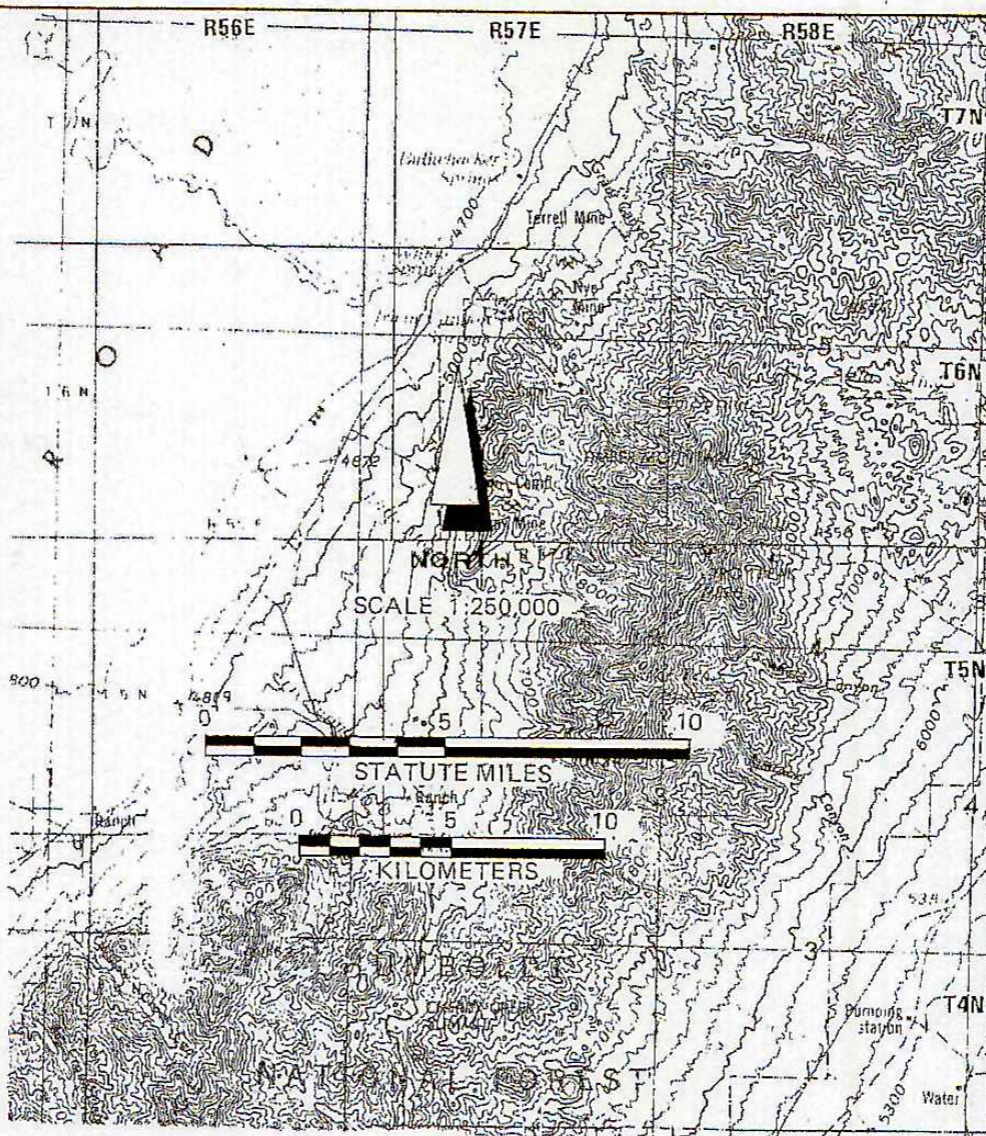
FIGURE B1-22

EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50- DEPTH TO POTENTIOMETRIC SURFACE
- 4750-- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ◆ AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- 7b SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-23
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-23

NOTES: (1) THE POTENTIOMETRIC SURFACE DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.



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POTENTIOMETRIC LEVELS
PENoyer VALLEY, NEVADA

FIGURE 81-23



EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50 — DEPTH TO POTENTIOMETRIC SURFACE
- 5200 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊕ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES

- ◆ AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-24
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-24

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE AND BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

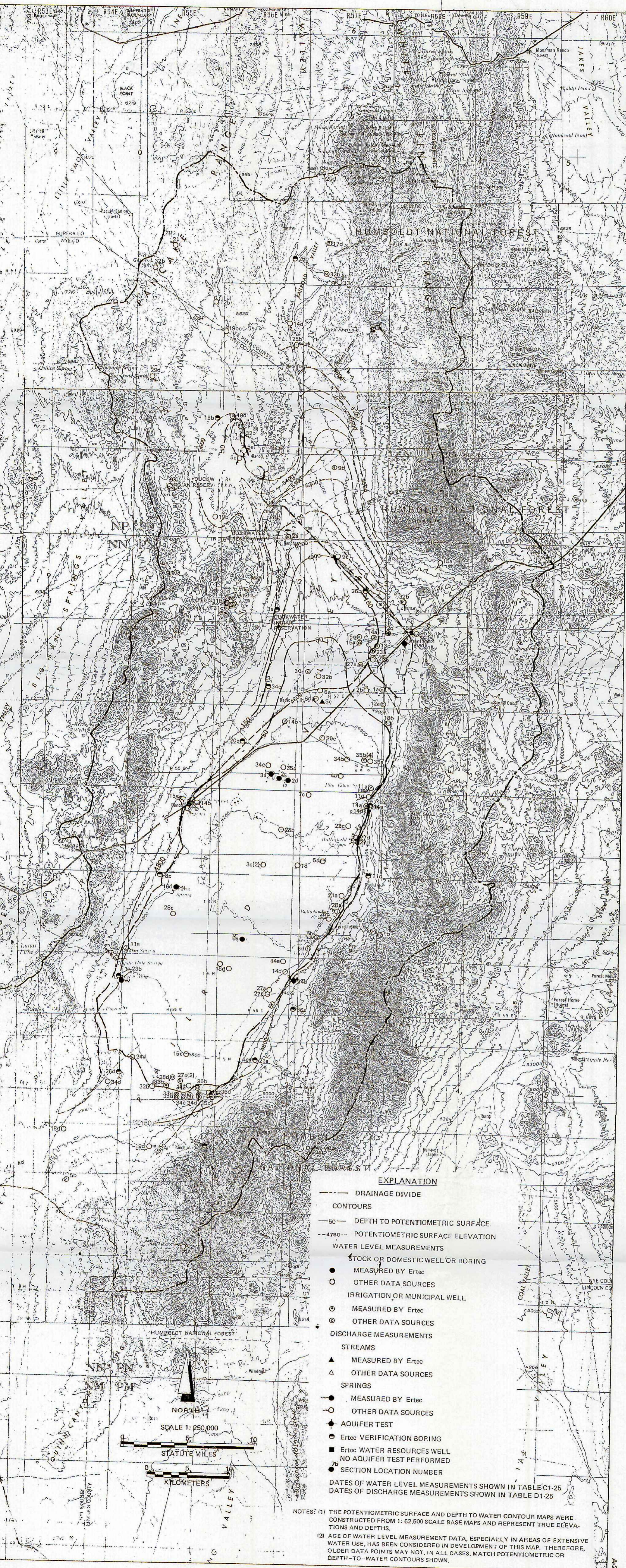
30 NOV 81

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 The Earth Technology Corporation

POTENTIOMETRIC LEVELS
 PINE VALLEY, UTAH

MX SITING INVESTIGATION
 DEPARTMENT OF THE AIR FORCE
 BMD/AFRC/MX

FIGURE 81-24



EXPLANATION

- DRAINAGE DIVIDE
 - CONTOURS
 - 50 — DEPTH TO POTENTIOMETRIC SURFACE
 - 4750 -- POTENTIOMETRIC SURFACE ELEVATION
 - WATER LEVEL MEASUREMENTS
 - ▲ STOCK OR DOMESTIC WELL OR BORING
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - IRRIGATION OR MUNICIPAL WELL
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - DISCHARGE MEASUREMENTS
 - STREAMS
 - ▲ MEASURED BY Ertec
 - ▲ OTHER DATA SOURCES
 - SPRINGS
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - ◆ AQUIFER TEST
 - Ertec VERIFICATION BORING
 - Ertec WATER RESOURCES WELL
 - NO AQUIFER TEST PERFORMED
 - SECTION LOCATION NUMBER
- DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-25
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-25

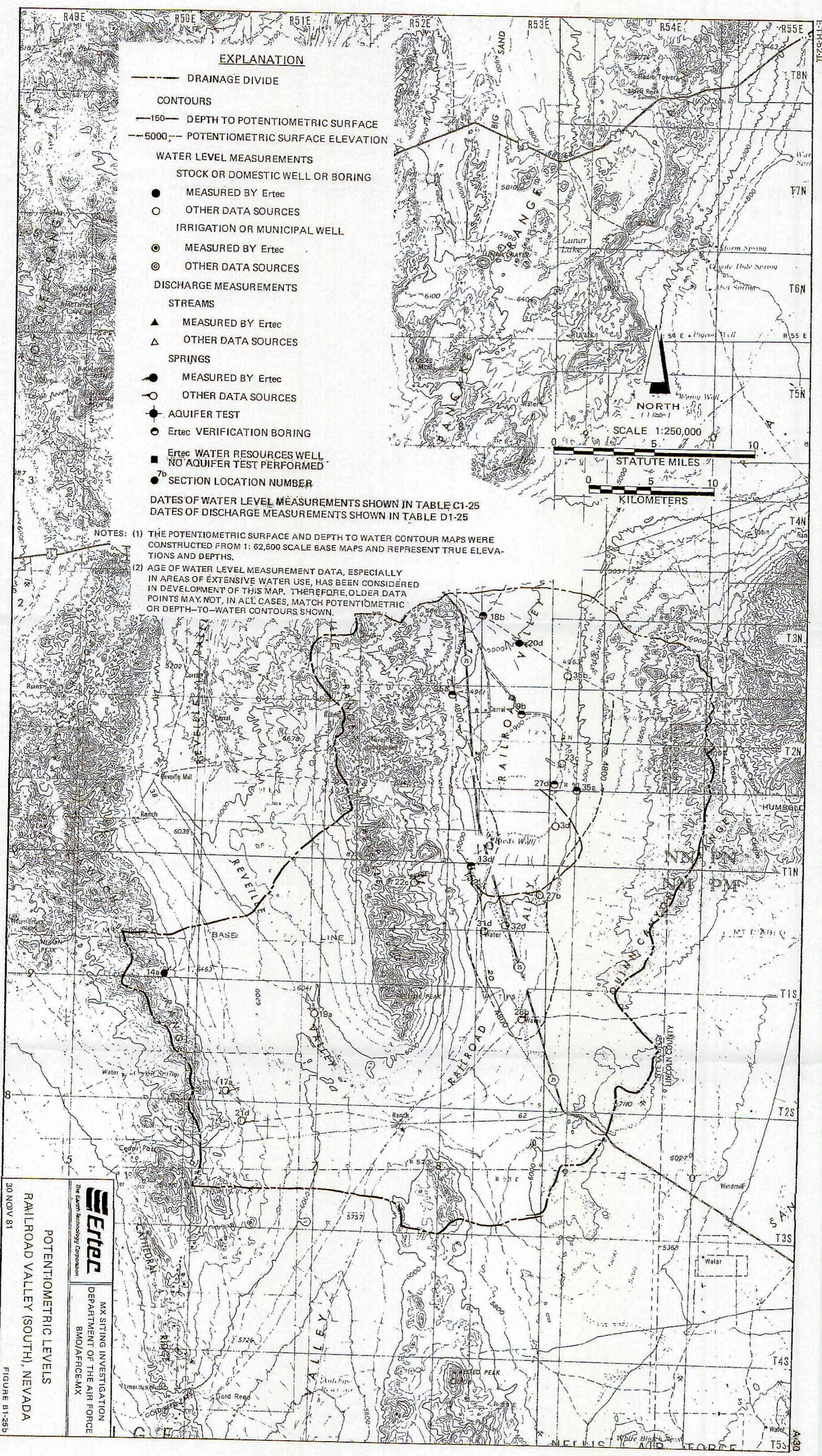
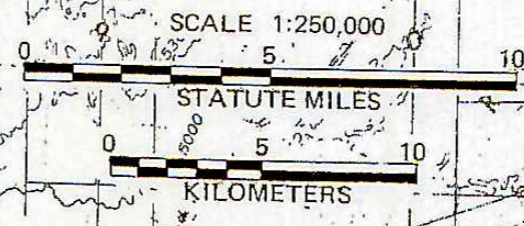
NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 150— DEPTH TO POTENTIOMETRIC SURFACE
- 5000— POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-25
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-25

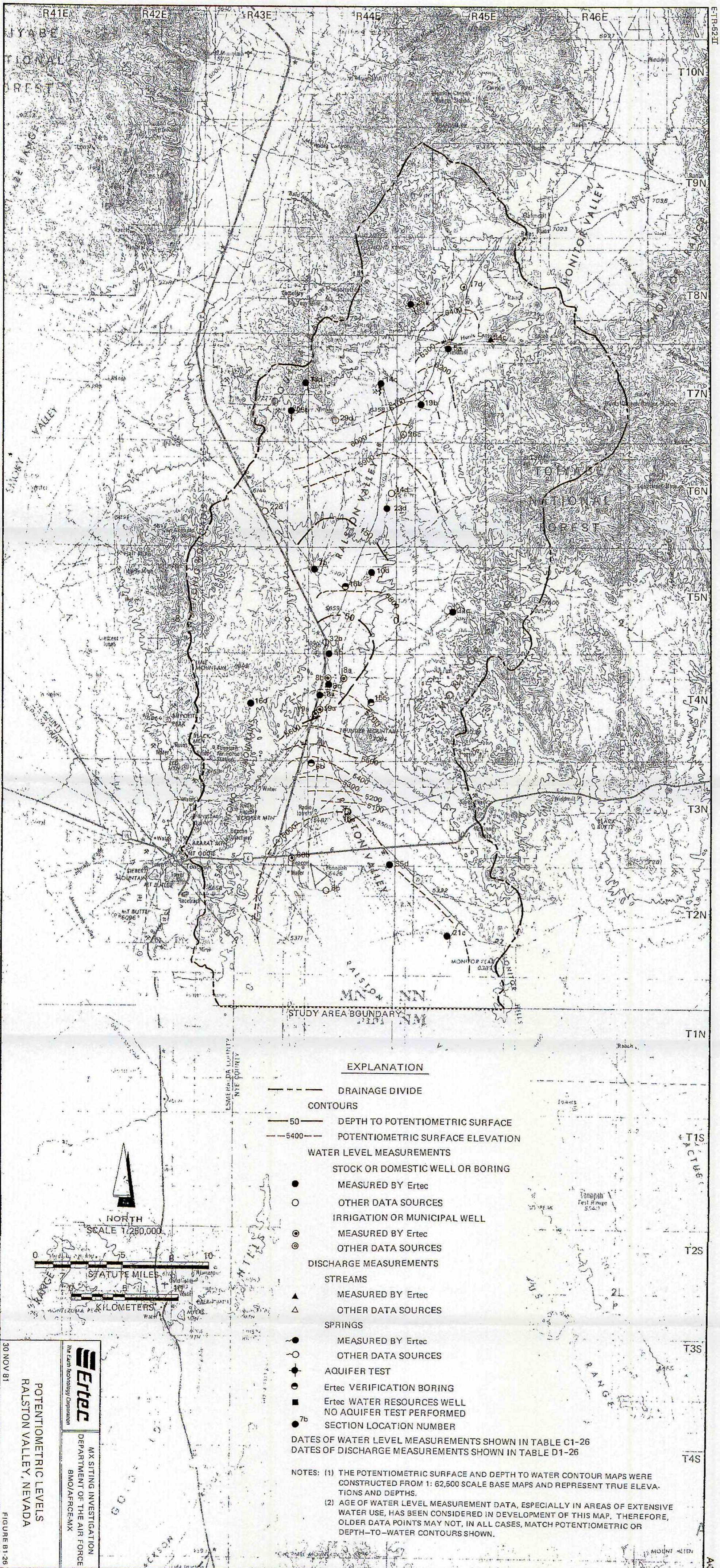
- NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
- (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.



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POTENTIOMETRIC LEVELS
 RAILROAD VALLEY (SOUTH), NEVADA
 30 NOV 81
 FIGURE B1-25b



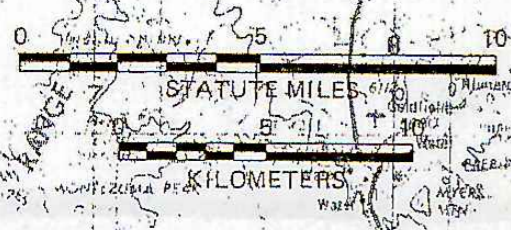
EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
 - 50 — DEPTH TO POTENTIOMETRIC SURFACE
 - 5400 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
 - STOCK OR DOMESTIC WELL OR BORING MEASURED BY Ertec
 - OTHER DATA SOURCES
 - ⊙ IRRIGATION OR MUNICIPAL WELL MEASURED BY Ertec
 - ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
 - ▲ STREAMS MEASURED BY Ertec
 - △ OTHER DATA SOURCES
- SPRINGS
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
- AQUIFER TEST
 - ⊙ Ertec VERIFICATION BORING
 - Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
 - 7b SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-26
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-26

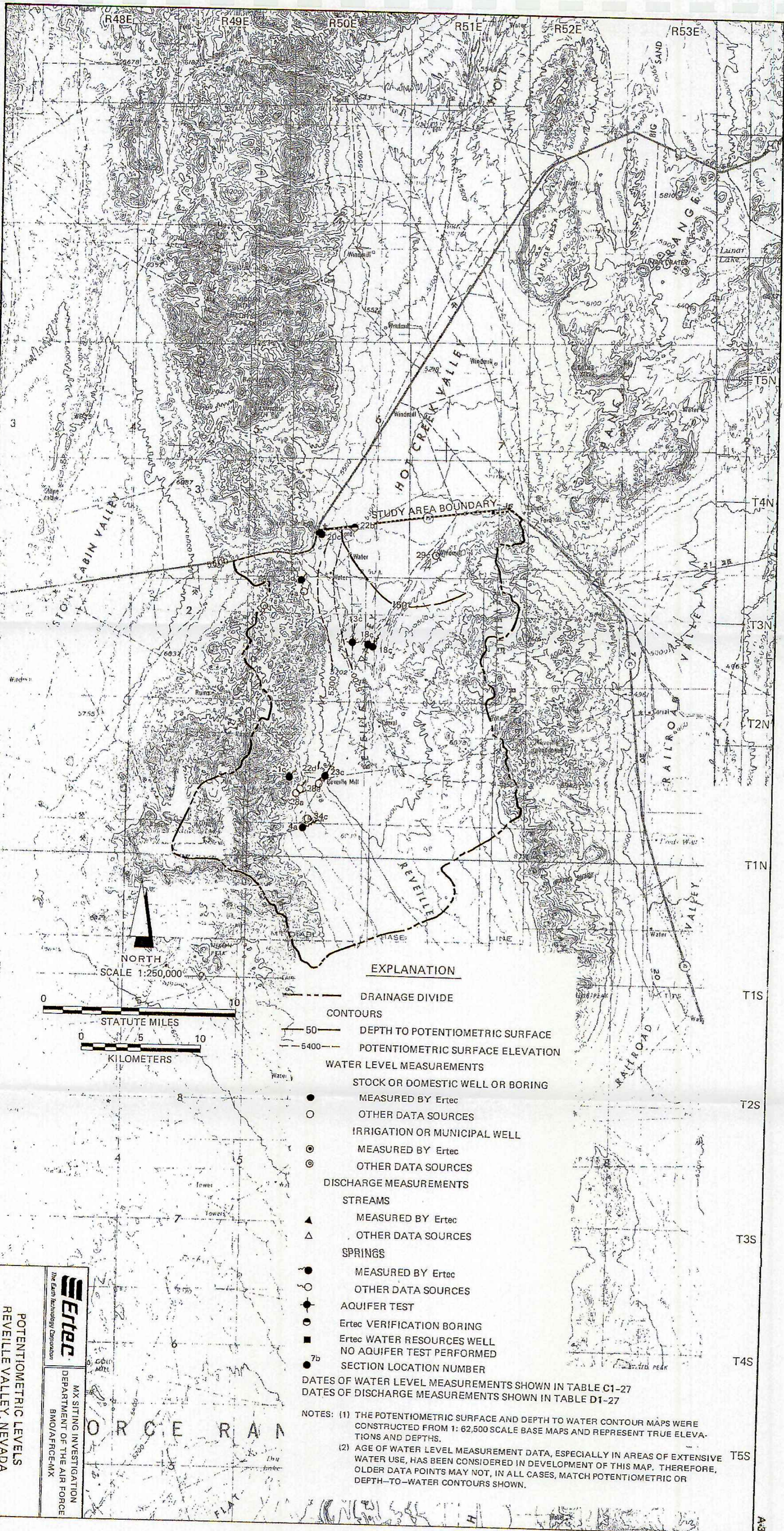
NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1: 62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

NORTH
 SCALE 1:250,000



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 POTENTIOMETRIC LEVELS
 RALSTON VALLEY, NEVADA
 FIGURE B1-26

E-TR-62-11
 T10N
 T9N
 T8N
 T7N
 T6N
 T5N
 T4N
 T3N
 T2N
 T1N
 T1S
 T2S
 T3S
 T4S
 A31



NORTH
SCALE 1:250,000

0 10
STATUTE MILES

0 5 10
KILOMETERS

- EXPLANATION**
- DRAINAGE DIVIDE
 - CONTOURS
 - 50 --- DEPTH TO POTENTIOMETRIC SURFACE
 - 5400 --- POTENTIOMETRIC SURFACE ELEVATION
 - WATER LEVEL MEASUREMENTS
 - STOCK OR DOMESTIC WELL OR BORING
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - IRRIGATION OR MUNICIPAL WELL
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - DISCHARGE MEASUREMENTS
 - ▲ STREAMS
 - MEASURED BY Ertec
 - △ OTHER DATA SOURCES
 - SPRINGS
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
 - AQUIFER TEST
 - Ertec VERIFICATION BORING
 - Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
 - 7b SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-27
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-27

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

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POTENTIOMETRIC LEVELS
REVILLE VALLEY, NEVADA

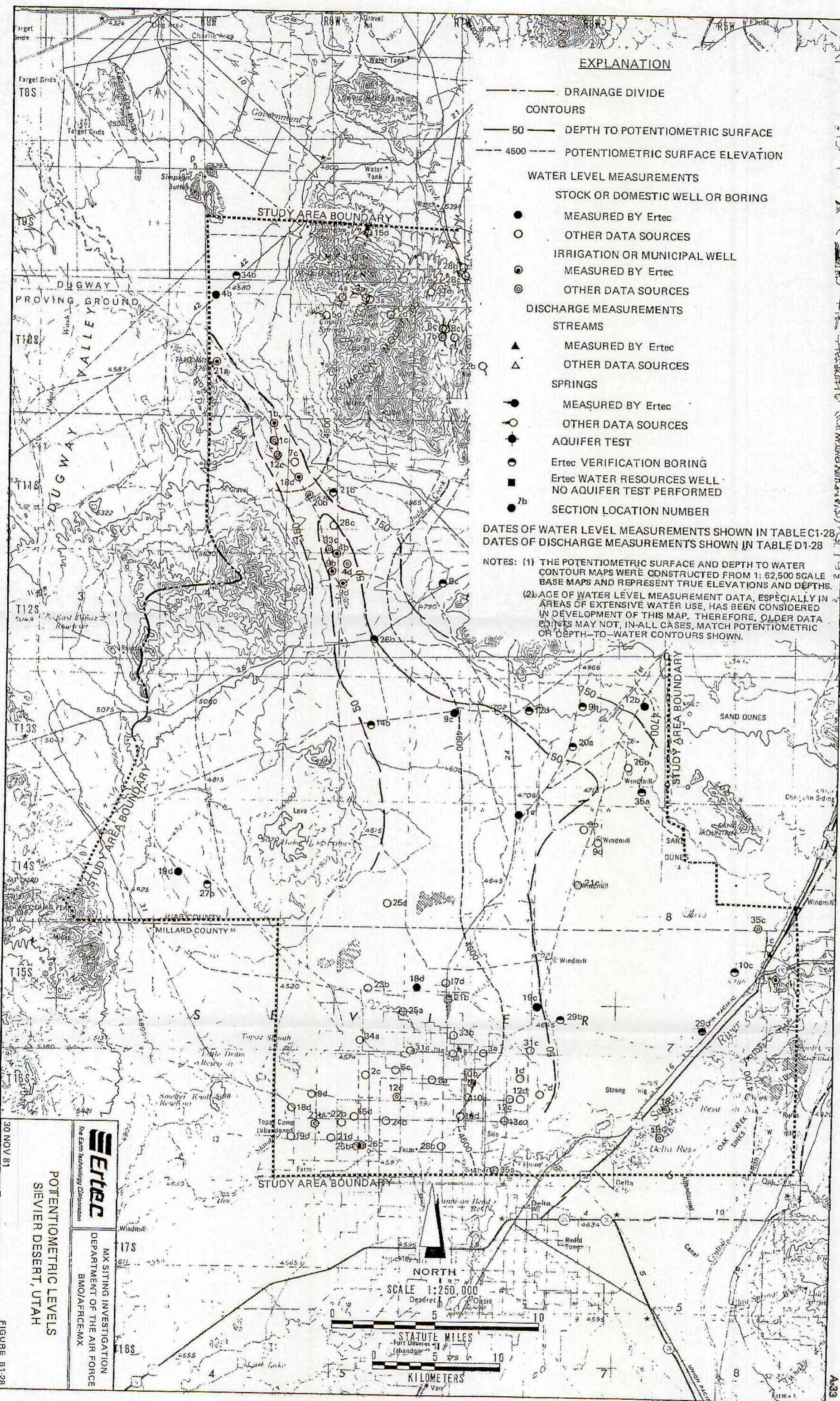
30 NOV 81
FIGURE B1-27

EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50 — DEPTH TO POTENTIOMETRIC SURFACE
- 4500 --- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊕ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- 7b SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-28
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-28

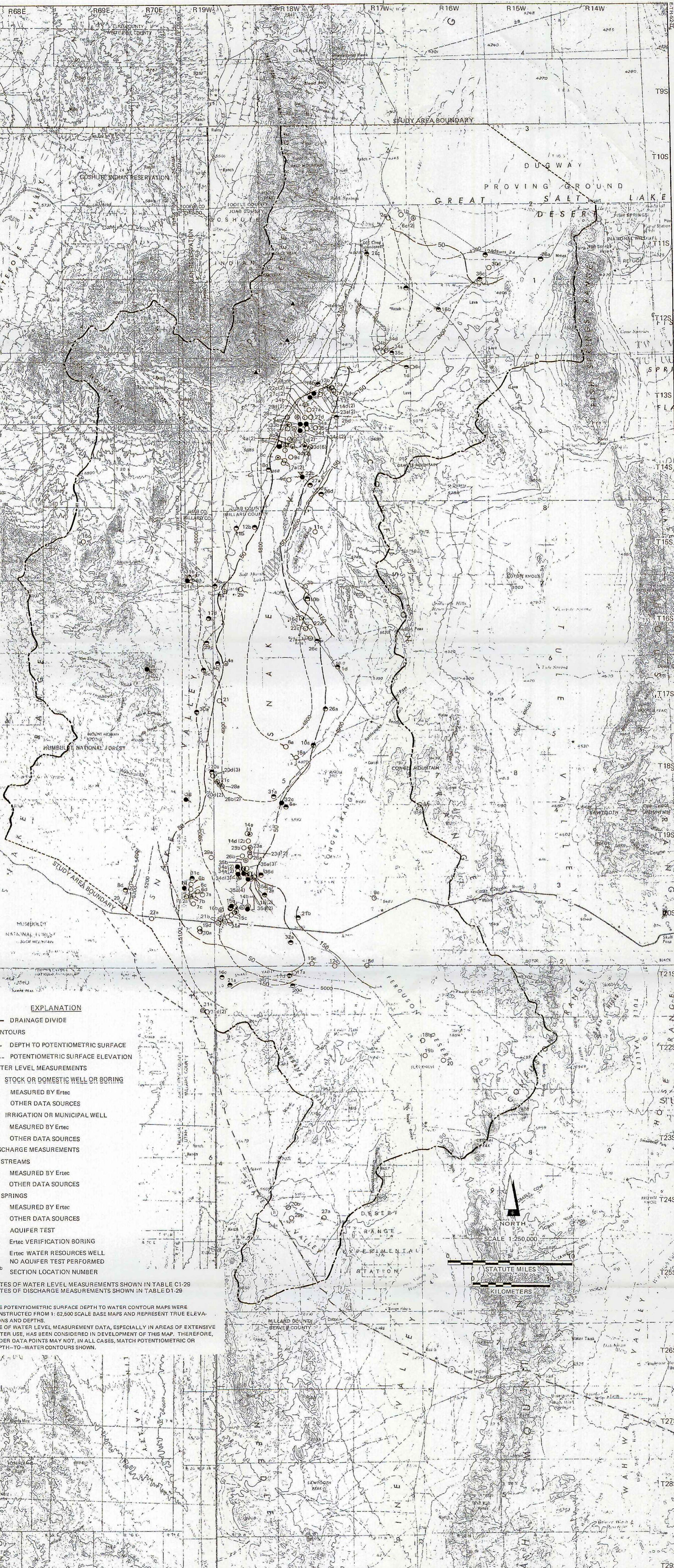
NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.



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POTENTIOMETRIC LEVELS
 SEVIER DESERT, UTAH
 30 NOV 81
 FIGURE B1-28

NORTH
 SCALE 1:250,000
 STATUTE MILES
 KILOMETERS



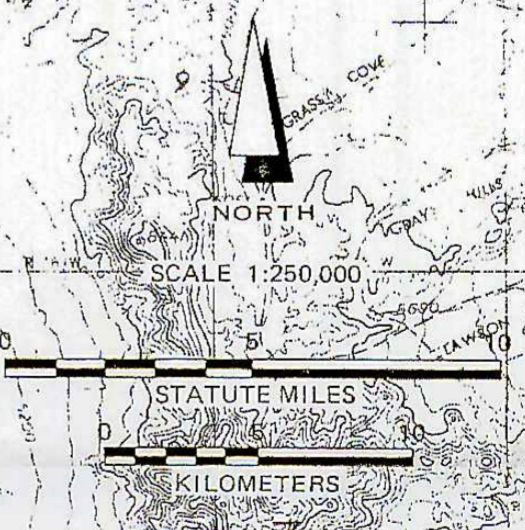
EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- DEPTH TO POTENTIOMETRIC SURFACE
- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- MEASURED BY Ertec
- OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL
- NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

LOCATIONS OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-29
 LOCATIONS OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-29

POTENTIOMETRIC SURFACE DEPTH TO WATER CONTOUR MAPS WERE
 INSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS
 AND DEPTHS.

USE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE
 WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE,
 OTHER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR
 DEPTH-TO-WATER CONTOURS SHOWN.



T9S
T10S
T11S
T12S
T13S
T14S
T15S
T16S
T17S
T18S
T19S
T20S
T21S
T22S
T23S
T24S
T25S
T26S
T27S
T28S
T29S

R68E
R69E
R70E
R19W
R18W
R17W
R16W
R15W
R14W



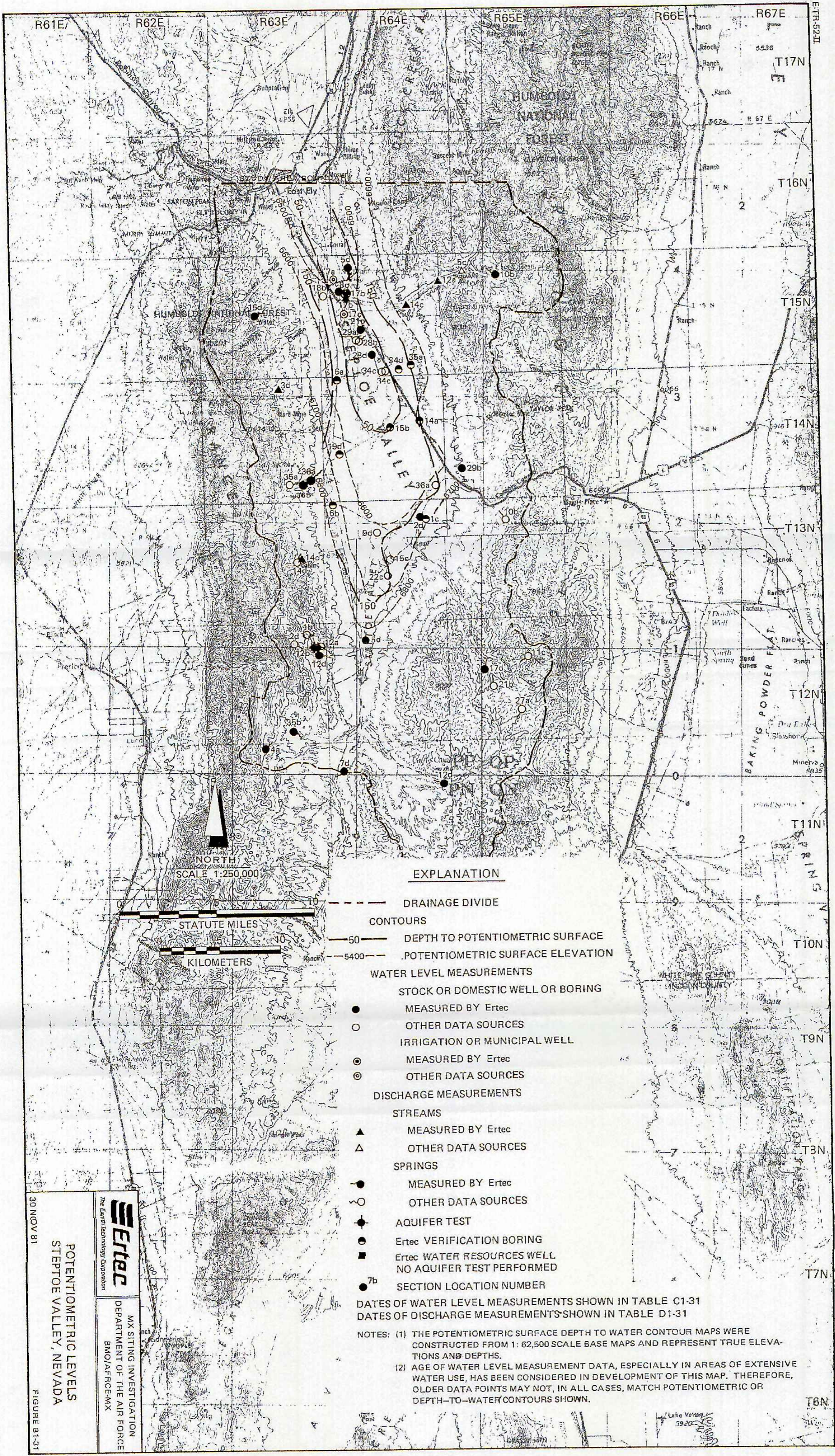
EXPLANATION

- DRAINAGE DIVIDE
- 50--- CONTOURS
- 4900--- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING MEASURED BY Ertec
- OTHER DATA SOURCES
- ⊙ IRRIGATION OR MUNICIPAL WELL MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- △ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL
- NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-30
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE I-30

NOTES: (1) THE POTENTIOMETRIC SURFACE DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

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EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50— DEPTH TO POTENTIOMETRIC SURFACE
- 5400— POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ⊙ IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- ▲ STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL
- NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

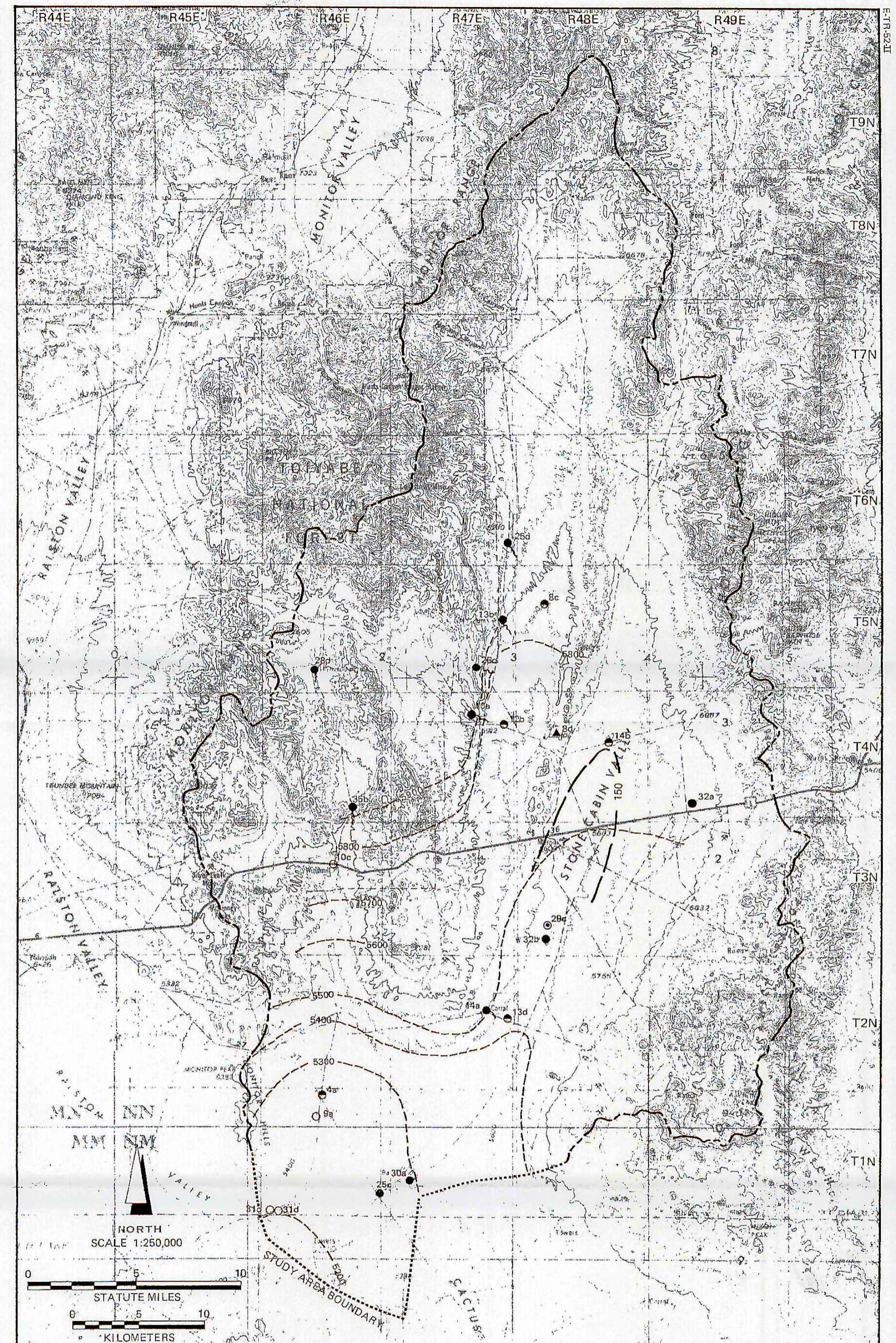
DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-31
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-31

NOTES: (1) THE POTENTIOMETRIC SURFACE DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

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POTENTIOMETRIC LEVELS
 STEPTOE VALLEY, NEVADA
 30 NOV 81
 FIGURE B1-31



EXPLANATION

---	DRAINAGE DIVIDE	●	SPRINGS
—50—	CONTOURS	○	MEASURED BY Ertec
—5400—	DEPTH TO POTENTIOMETRIC SURFACE	○	OTHER DATA SOURCES
—5400—	POTENTIOMETRIC SURFACE ELEVATION	●	AQUIFER TEST
●	WATER LEVEL MEASUREMENTS	●	Ertec VERIFICATION BORING
○	STOCK OR DOMESTIC WELL OR BORING	■	Ertec WATER RESOURCES WELL
○	MEASURED BY Ertec	●	NO AQUIFER TEST PERFORMED
○	OTHER DATA SOURCES	●	SECTION LOCATION NUMBER
○	IRRIGATION OR MUNICIPAL WELL	●	DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-32
○	MEASURED BY Ertec	●	DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-32
○	OTHER DATA SOURCES	●	NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR
○	DISCHARGE MEASUREMENTS	●	MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND
▲	STREAMS	●	REPRESENT TRUE ELEVATIONS AND DEPTHS.
▲	MEASURED BY Ertec	●	(2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS
▲	OTHER DATA SOURCES	●	OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN
		●	DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS
		●	MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR
		●	DEPTH-TO-WATER CONTOURS SHOWN.

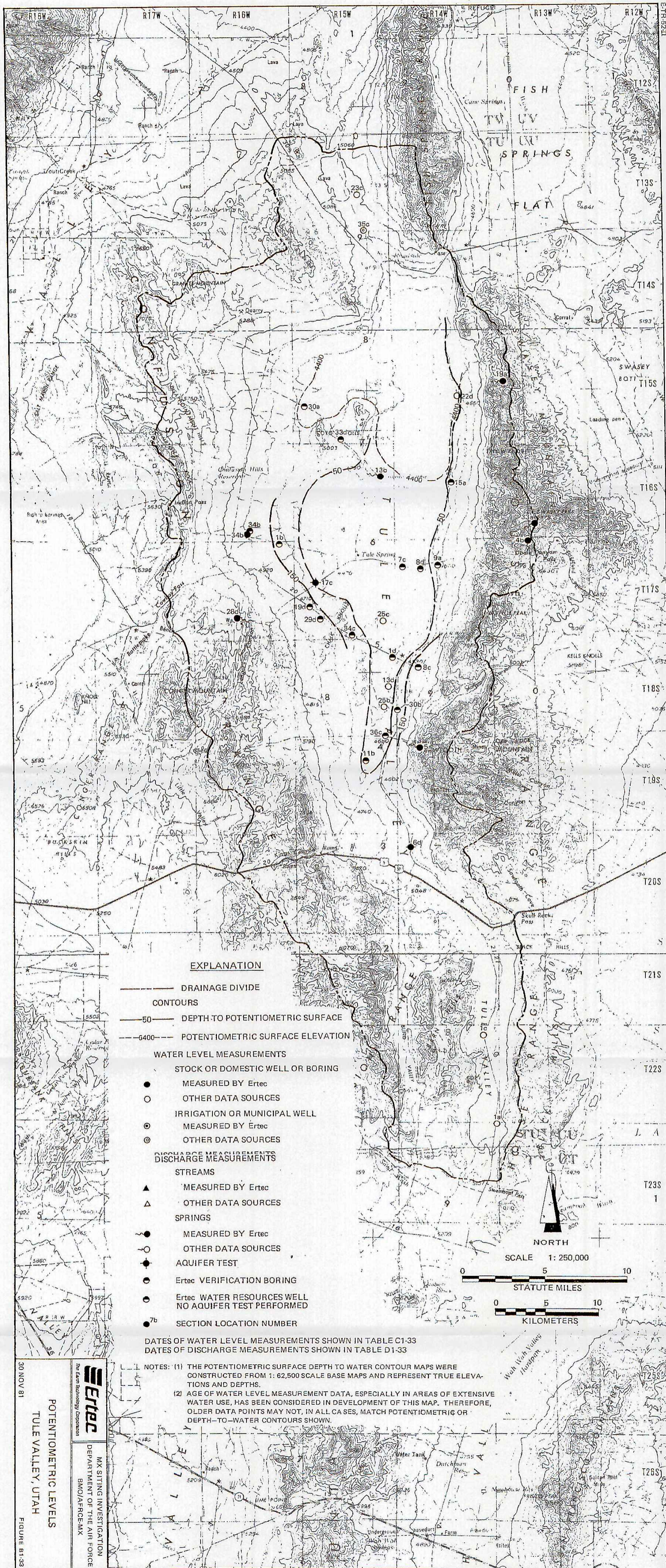
30 NOV 81

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POTENTIOMETRIC LEVELS
STONE CABIN VALLEY, NEVADA

FIGURE B1-32



EXPLANATION

- DRAINAGE DIVIDE
- 50 --- CONTOURS
- 6400 --- DEPTH TO POTENTIOMETRIC SURFACE
- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ⊙ IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- 7b SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-33
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-33

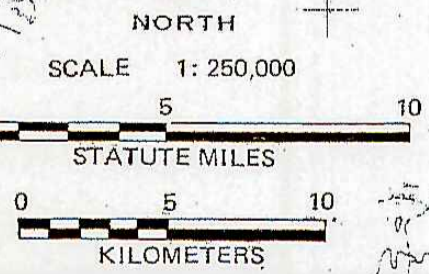
NOTES: (1) THE POTENTIOMETRIC SURFACE DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1: 62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

30 NOV 81

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POTENTIOMETRIC LEVELS
TULE VALLEY, UTAH
 FIGURE B1-33

MX SITING INVESTIGATION
 DEPARTMENT OF THE AIR FORCE
 BMO/A/FRCE/MX





EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50— DEPTH TO POTENTIOMETRIC SURFACE
- 6400--- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- ⊙ MEASURED BY Ertec
- ⊙ OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- 7b SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-34

DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-34

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.

(2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

SCALE 1:250,000

STATUTE MILES

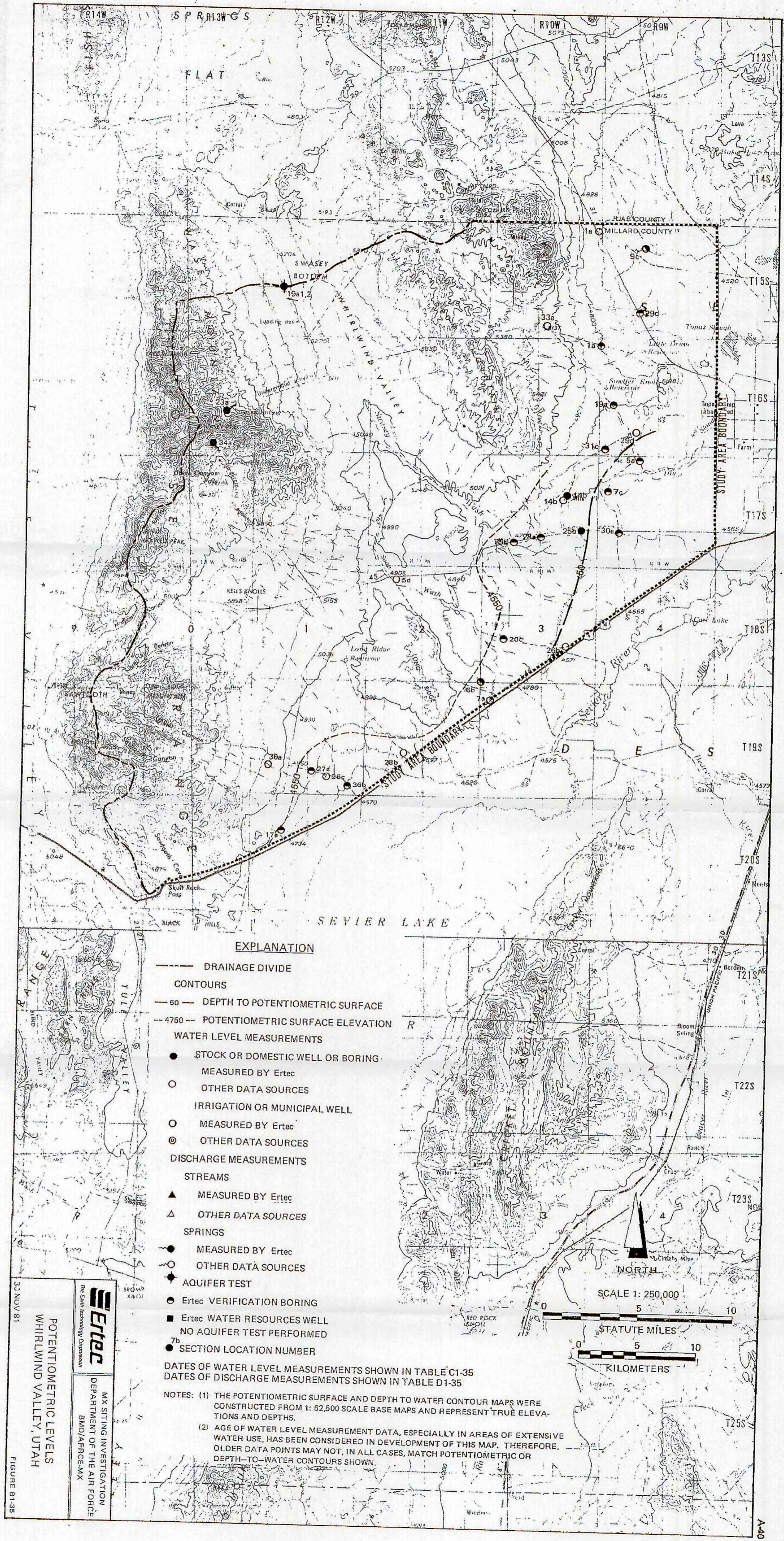
KILOMETERS



MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AIRFC-MX

POTENTIOMETRIC LEVELS
WAH WAH VALLEY, UTAH

FIGURE B1-34

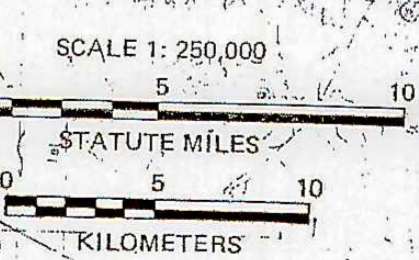


EXPLANATION

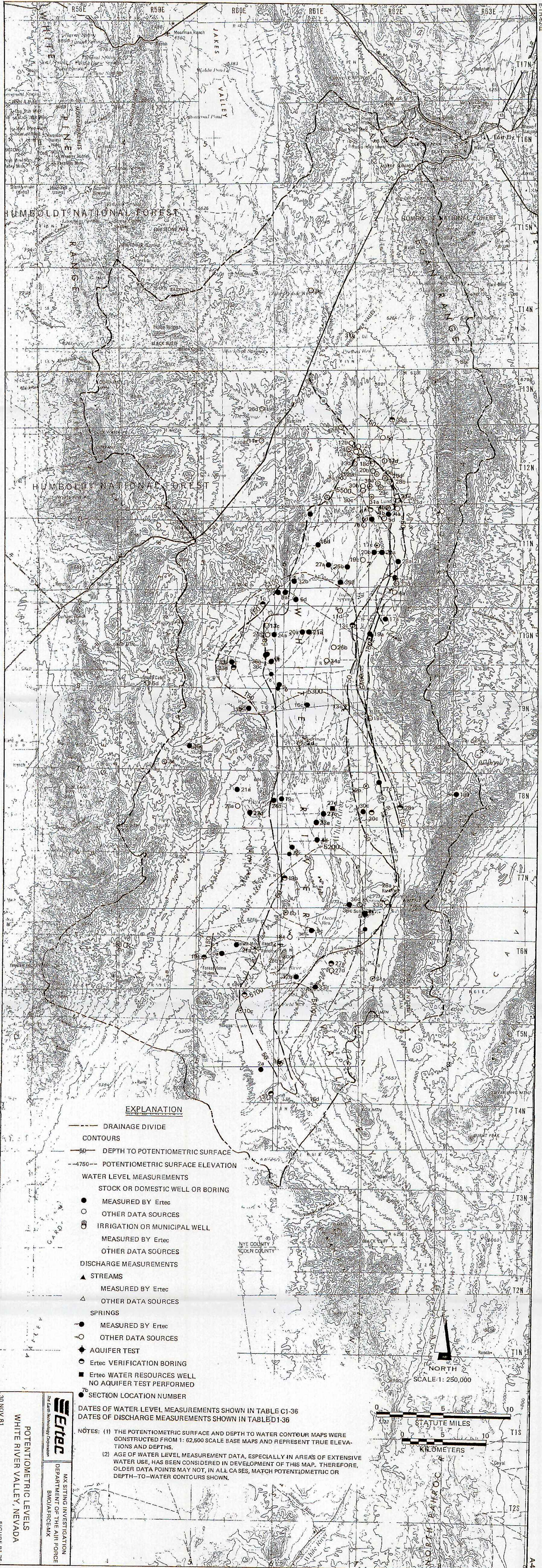
- DRAINAGE DIVIDE
- CONTOURS
- 60 --- DEPTH TO POTENTIOMETRIC SURFACE
- 4750 --- POTENTIOMETRIC SURFACE ELEVATION
- STOCK OR DOMESTIC WELL OR BORING
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
- ⊙ DISCHARGE MEASUREMENTS
- ▲ STREAMS
 - ▲ MEASURED BY Ertec
 - ▲ OTHER DATA SOURCES
- SPRINGS
 - MEASURED BY Ertec
 - OTHER DATA SOURCES
- ◆ AQUIFER TEST
 - Ertec VERIFICATION BORING
 - Ertec WATER RESOURCES WELL
 - NO AQUIFER TEST PERFORMED
 - SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-35
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-35

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.



33 JUN 81
Ertec
 POTENTIOMETRIC LEVELS
 WHIRLWIND VALLEY, UTAH
 MAX STINE INVESTIGATION
 DEPARTMENT OF THE AIR FORCE
 BRANFORD/CAM



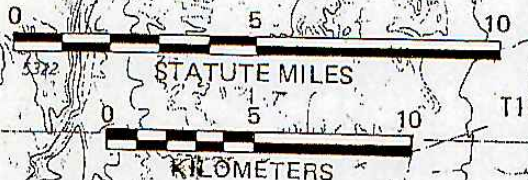
EXPLANATION

- DRAINAGE DIVIDE
- CONTOURS
- 50— DEPTH TO POTENTIOMETRIC SURFACE
- 4750--- POTENTIOMETRIC SURFACE ELEVATION
- WATER LEVEL MEASUREMENTS
- STOCK OR DOMESTIC WELL OR BORING
- MEASURED BY Ertec
- OTHER DATA SOURCES
- IRRIGATION OR MUNICIPAL WELL
- MEASURED BY Ertec
- OTHER DATA SOURCES
- DISCHARGE MEASUREMENTS
- ▲ STREAMS
- ▲ MEASURED BY Ertec
- △ OTHER DATA SOURCES
- SPRINGS
- MEASURED BY Ertec
- OTHER DATA SOURCES
- ◆ AQUIFER TEST
- Ertec VERIFICATION BORING
- Ertec WATER RESOURCES WELL NO AQUIFER TEST PERFORMED
- SECTION LOCATION NUMBER

DATES OF WATER LEVEL MEASUREMENTS SHOWN IN TABLE C1-36
 DATES OF DISCHARGE MEASUREMENTS SHOWN IN TABLE D1-36

NOTES: (1) THE POTENTIOMETRIC SURFACE AND DEPTH TO WATER CONTOUR MAPS WERE CONSTRUCTED FROM 1:62,500 SCALE BASE MAPS AND REPRESENT TRUE ELEVATIONS AND DEPTHS.
 (2) AGE OF WATER LEVEL MEASUREMENT DATA, ESPECIALLY IN AREAS OF EXTENSIVE WATER USE, HAS BEEN CONSIDERED IN DEVELOPMENT OF THIS MAP. THEREFORE, OLDER DATA POINTS MAY NOT, IN ALL CASES, MATCH POTENTIOMETRIC OR DEPTH-TO-WATER CONTOURS SHOWN.

NORTH
 SCALE 1: 250,000



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 POTENTIOMETRIC LEVELS
 WHITE RIVER VALLEY, NEVADA
 FIGURE B1-36