UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED ON BEHALF OF THE
U.S. DEPARTMENT OF ENERGY

WATER RESOURCES INVESTIGATIONS 82-4085

Base from U. S. Geological Survey
Caliente, Death Valley, Goldfield,
and Las Vegas, 1954
Scale 1:250,000

SCALE 1:250,000

5 0 5 10 15 20 25 Miles
5 0 5 10 15 20 25 30 Kilometers

CONTOUR INTERVAL 200 Feet
DATUM IS GEODETIC VERTICAL DATUM OF 1929

EAGLE MOUNTAIN | AMARGOSA DESERT | YUCCA MOUNTAIN | TIMBER MOUNTAIN | PAHUTE MESA

South A — A' North

Meters: 3000, 2000, 1000, 0, -1000 — Feet: 4000, 2000, 0

Band in Section

SWL

Vertical Exaggeration x2.6
Compiled by W. J. Oatfield

DRAWING NO: PLATE 2
TITLE: REGIONAL DISTRIBUTION OF HYDRAULIC HEADS, MODEL RESIDUALS, ZONES, AND SITES OF UNIT-FLUX CALCULATIONS
REVISION:
DATE:
DRAWN: DESIGNED: CHECKED:

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SI APERTURE CARD

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EXPLANATION

RECHARGE AREA

DISCHARGE AREA

AQUITARDS AND BARRIERS (entire zone shaded)

- Upper Clastic Aquitard
- Lower Clastic Aquitard
- Intrusive Rocks
- Other Hydrologic Barriers

TRANSMISSIVE ROCKS (only part of zone shaded)

- Alluvium
- Volcanic Rocks
- Carbonate Rocks

SYMBOLS

- 2 — Zone and numbers--properties of zones 10, 11, 14, and 23 were held constant; properties of other zones were allowed to vary
- Qaf — General area of ground-water discharge
- 728.6 / 22.7 (J-13) — Measured head in meters / Residual head in meters (Well name) (If no residual given, datum was not used in model)
- OC — Area for which unit flux and flux sensitivities were calculated
- ⊖ — Discharge node
- Qrs — Boundary flux; zero elsewhere
- Boundary of ground-water basin

ABBREVIATIONS

- af Alkali Flat
- dv Death Valley
- pv Pahranagat Valley
- rs Resting Springs
- SWL Static Water Level

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