UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN
COOPERATION WITH
WHITE SANDS MISSILE RANGE

OPEN FILE
REPORT 76-277

R 3 E 106°35' R 4 E 106°30' R 4 E R 5 E 106°25' R 5 E R 6 E 106°20'

X 425,000 X 450,000 X 475,000 X 500,000

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
ORNADA EXPERIMENTAL RANGE

RANGE BOUNDARY

REFUGE BOUNDARY

SAN ANDRES NATIONAL WILDLIFE REFUGE

NASA-WSTF

MILITARY RESERVATION BOUNDARY

HAZARDOUS TEST AREA

WHITE SANDS MISSILE RANGE

FORT BLISS MILITARY RESERVATION

DONA ANA COUNTY
OTERO COUNTY

T 20 S
T 21 S

T 21 S
T 22 S

T 22 S
T 23 S

T 23 S
T 24 S

T 24 S
T 25 S

Y-225,000 Y-200,000 Y-175,000 Y-150,000 Y-125,000 Y-100,000

32° 30' 32° 25' 32° 20' 32° 15' 32° 10'

HTA-2 HTA-1 SMR-1 SMR-2 SMR-3 SMR-4 SMR-5

SMALL MISSILE RANGE

B-1 B-2 B-3 B-4 B-5 B-6 B-7 B-8 B-9 B-10 B-11 B-12 B-13 B-14 B-15 B-16 B-17 B-18 B-20 B-21b B-21a B-22 B-23 B-24 B-25 B-26 B-27 B-28 B-29 B-30 B-31 B-32 B-33 B-34 B-35 B-36 B-37 B-39 B-40 B-41 B-42 B-44 B-45b B-45a B-46 B-47 B-48 B-49 B-50 B-52 B-53 B-54 B-55 B-56

T-1 T-2 T-4 T-5 T-6 T-7 T-8 T-9 T-10 T-11 T-12 T-13 T-14 T-15 T-16 T-17 T-18 T-62 T-63 T-64 T-65 T-66 T-67 T-155 T-193 T-200

Y-175 Y-204 Y-225

F-1 F-3 F-5 G-1 K-15 L-1

CARMEN PPY PARKER MILLIE CONN TRAVIS NAN NANCY NAN PRIME

UPDOC LASS LACROSSE MARA ALEX SPRINT FLOWER

ORGAN BILL COX RANCH MAIN GATE GOLF COURSE

PARKER LAKE LAKE

STONE KEN VEGA T-GREGG NAVY B H ARMY B H CORP ART TARE

HAWK UNCLE JED BOWL SERGEANT IRON DOG UNICORN VIPER W PRIME T WATER DRY GRASS

OASIS CAD VELMA

CONDRON FIELD

OLD COE LAKE

WHITE SANDS MISSILE RANGE MILITARY RESERVATION BOUNDARY

FORT BLISS MILITARY RESERVATION

DONA ANA RANGE CAMP

No brine has been produced west of this line

No freshwater has been produced east of this line

Base from White Sands Missile Range
Master Plan Base Information Maps, 1972

Compiled by T. E. Kelly, 1973

0 1 2 3 4 5 MILES
0 1 2 3 4 5 6 7 8 KILOMETRES

EXPLANATION

800 — Contour
Thickness of freshwater aquifer
Contour interval 100 feet

Area underlain by freshwater (less than 1,000 mg/l)

Area underlain by freshwater above brine

Area underlain by brine (more than 35,000 mg/l)

Rate of increase of dissolved solids, in (milligrams per litre) per year — 7.0 ● 13 — Identification Number
Supply Well

Identification Number — T-11 ⊕ 12.0 — Rate of increase of dissolved solids, in (milligrams per litre) per year.
Test Well

○ B-5 — Identification Number
Borehole

Fault

Drainage Divide
(Not shown where uncertain)

Land Surface Contour
Interval 100 and 500 feet
Datum is mean sea level

Power Overhead

X-425,000 Y-150,000
White Sands Missile Range Coordinates (in feet)

263 — White Sands Missile Range Road

Range Site

Figure 5 -- Map showing thickness of freshwater aquifer and location of wells and boreholes.