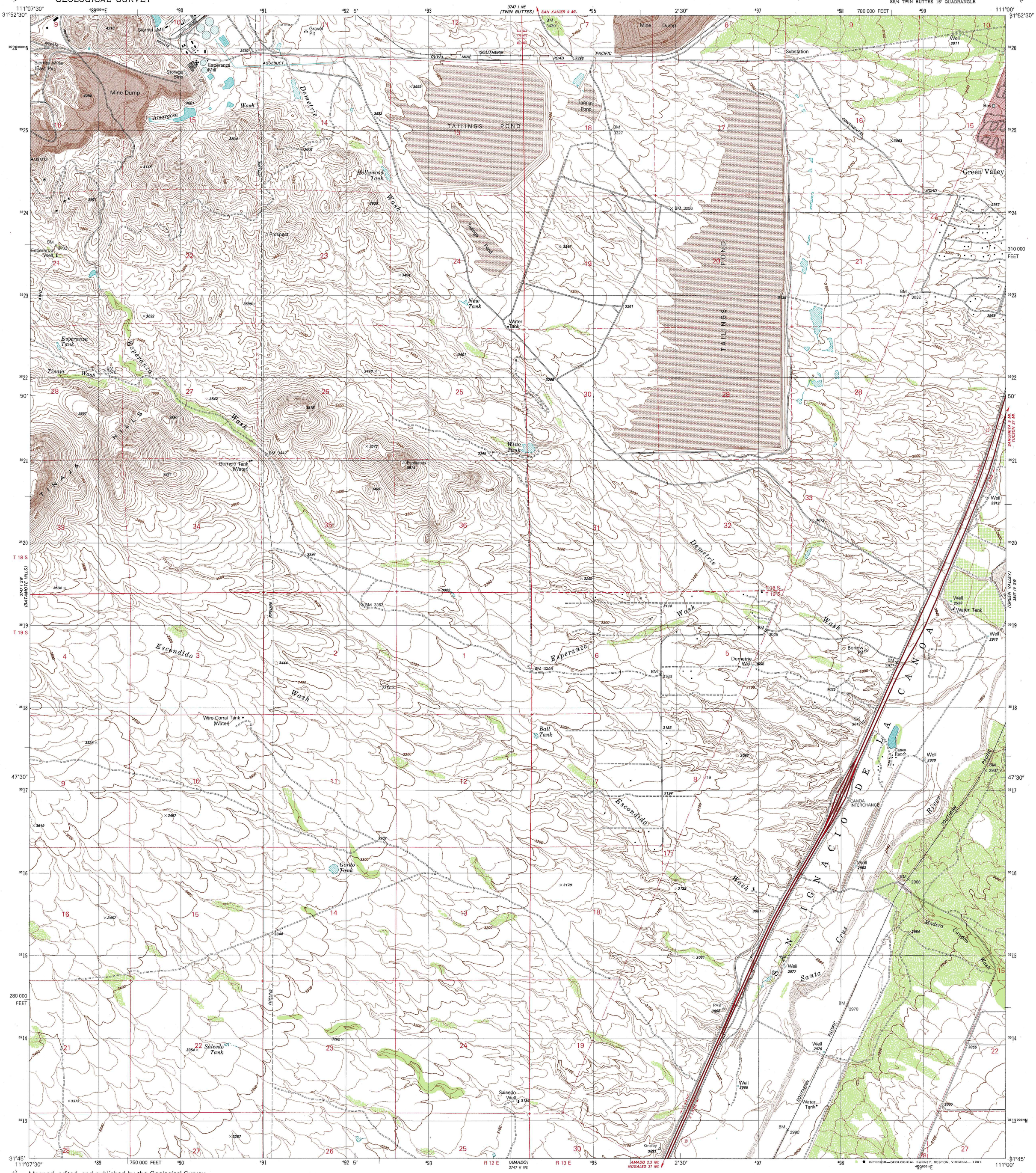
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ESPERANZA MILL QUADRANGLE
ARIZONA–PIMA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 TWIN BUTTES 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1975. Field checked 1976
Map edited 1981

Projection and 10,000-foot grid ticks: Arizona coordinate system, central zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 12
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 7 meters south and 62 meters east as shown by dashed corner ticks

Red tint indicates areas in which only landmark buildings are shown

GN MN 0°02' 1 MIL 12½° 222 MILS

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ARIZONA
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route — U. S. Route — State Route

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1981

ESPERANZA MILL, ARIZ.
SE/4 TWIN BUTTES 15' QUADRANGLE
N3145—W11100/7.5

1981

DMA 3747 I SE—SERIES V898