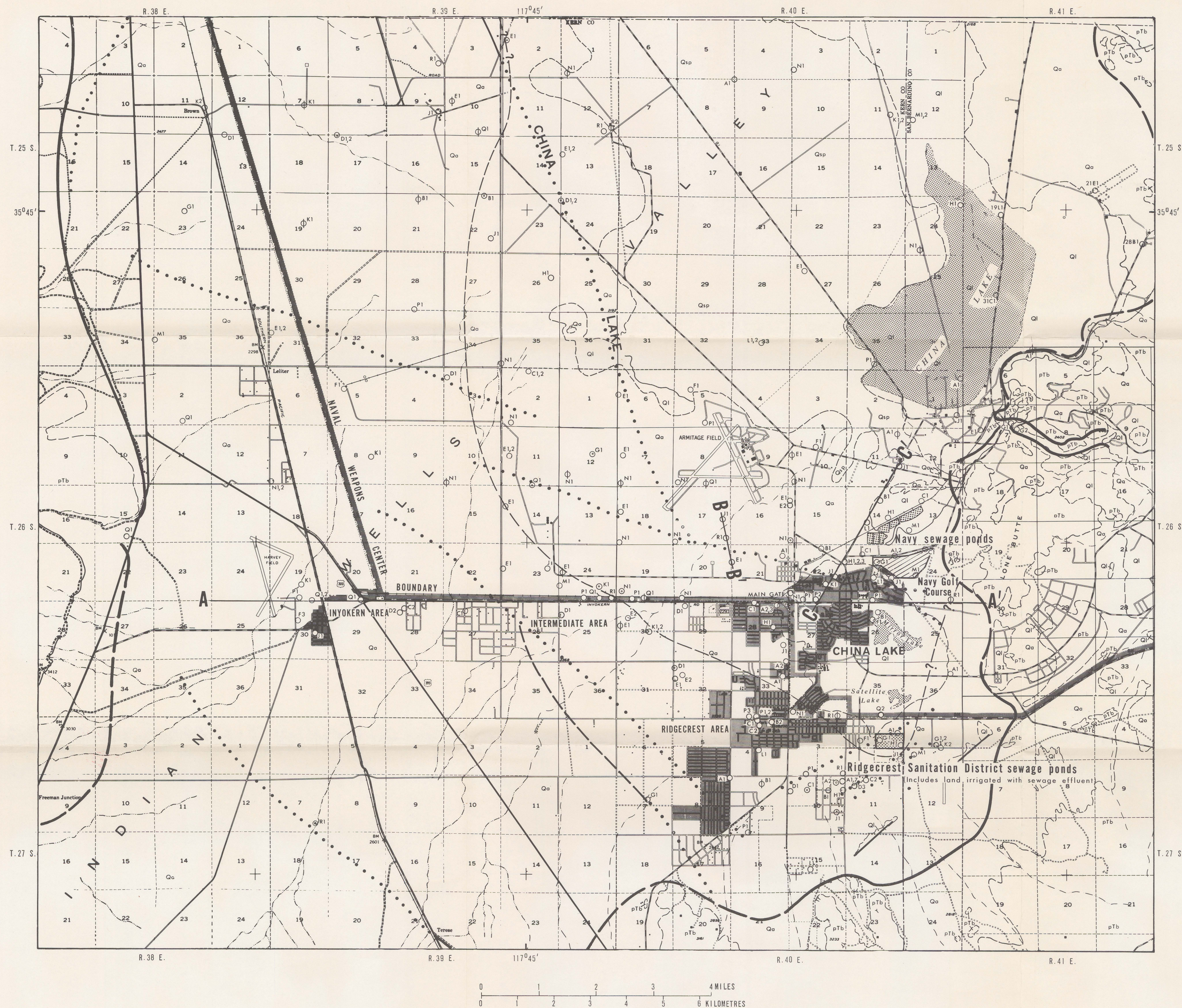




MAP OF INDIAN WELLS VALLEY, CALIFORNIA, SHOWING
GENERALIZED GEOLOGY AND LOCATION OF WELLS

EXPLANATION

Qsp

Playa and sand-dune deposits

Small areas of lacustrine playa deposits surrounded by sand dunes, actively drifting. Unit may yield small quantities of water of generally poor quality to shallow wells

Qa

Alluvium

Unconsolidated gravel, sand, silt, and clay. Includes younger and older alluvium, stream deposits, fan deposits, and some dune sand. Yields water of normally good quality freely to wells. Most of the ground water pumped by wells is from this unit

Ql

Lake deposits

Sand, silt, and clay. Lake deposits are of low permeability and do not yield water freely to wells. Generally the water contained in these deposits is of poor quality. Probably occurs at depth beneath the alluvium in central part of the valley

pTb

Basement complex

Igneous and metamorphic rocks, undifferentiated. Generally non-water-bearing

Geologic contact

Dashed where approximately located

Boundary of ground-water basin

Dashed where control is poor

?

Boundary of shallow aquifer and assumed limit of confining clay layers
Queried where location inferred

Fault

Dashed where approximately located;
dotted where concealed

A — A'
Line of lithologic section and
water-quality profile

B — B'
Line of water-level profile

D1

Well and number

Φ^{B1}

Dry hole or destroyed well and number