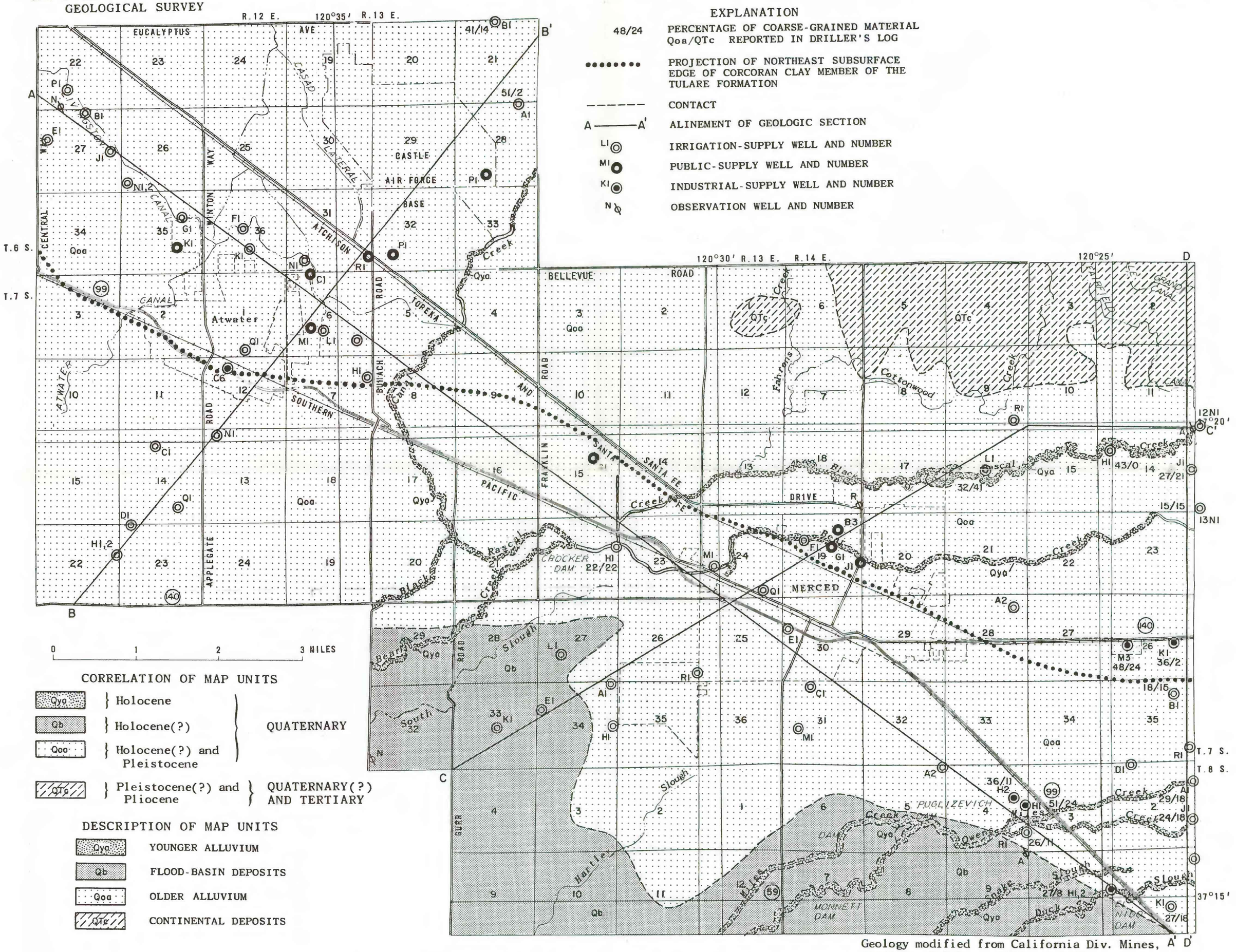
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared in cooperation with
THE CITY OF MERCED

OPEN-FILE REPORT 77-454
PLATE 1



EXPLANATION

48/24	PERCENTAGE OF COARSE-GRAINED MATERIAL Qoa/QTc REPORTED IN DRILLER'S LOG
•••••••	PROJECTION OF NORTHEAST SUBSURFACE EDGE OF CORCORAN CLAY MEMBER OF THE TULARE FORMATION
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A ——— A'	ALINEMENT OF GEOLOGIC SECTION
LI ◎	IRRIGATION-SUPPLY WELL AND NUMBER
MI ◉	PUBLIC-SUPPLY WELL AND NUMBER
KI ◉	INDUSTRIAL-SUPPLY WELL AND NUMBER
N ◎	OBSERVATION WELL AND NUMBER

CORRELATION OF MAP UNITS

Qya	Holocene	QUATERNARY
Qb	Holocene(?)	QUATERNARY
Qoo	Holocene(?) and Pleistocene	QUATERNARY
QTc	Pleistocene(?) and Pliocene	QUATERNARY(?) AND TERTIARY

DESCRIPTION OF MAP UNITS

Qya	YOUNGER ALLUVIUM
Qb	FLOOD-BASIN DEPOSITS
Qoa	OLDER ALLUVIUM
QTc	CONTINENTAL DEPOSITS

Geology modified from California Div. Mines, (1966) by R.W.Page, 1971 and 1976

AREAL GEOLOGY, MERCED, CALIF., AND VICINITY