GILA RIVER FLOOD INSURANCE STUDY
RECONNAISSANCE FIELD TRIP
JUNE 20, 1989

FCDMC CONTRACT NO. 88-52
CBA FILE NO. 41389-01-30

CELLA BARR ASSOCIATES

Property of
Flood Control District of MC Library
2801 W. Durango
Phoenix, AZ 85009

GILA RIVER FLOOD INSURANCE STUDY
RECONNAISSANCE FIELD TRIP
JUNE 20, 1989

FCDMC CONTRACT NO. 88-52
CBA FILE NO. 41389-01-30

Participants:

Pedro Calza, FCDMC
Russell Cruff, FCDMC
Jim Nelson, CBA
John Conway, CBA

Date:

June 20, 1989

Information Acquired:

- Manning's "n" values for channel and overbank areas (attached).
- Color photographs of channel and overbanks (attached).

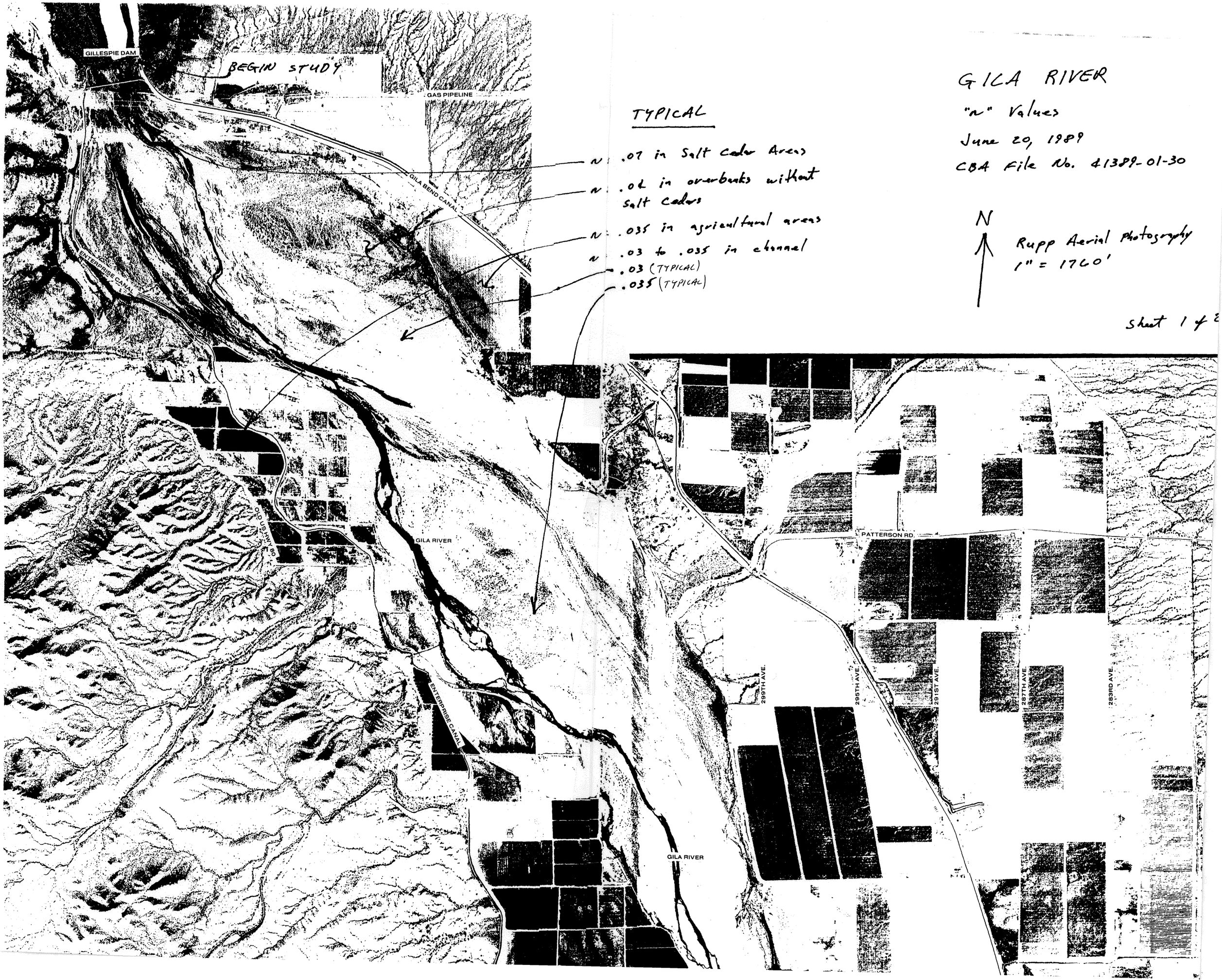
Note: No special structural or localized problems were encountered. However, some agricultural levees may require further field investigation if preliminary HEC-2 runs indicate that the levees effect the floodplain boundary.

GILA RIVER

"n" Values

June 20, 1989

CBA File No. 41389-01-30



TYPICAL

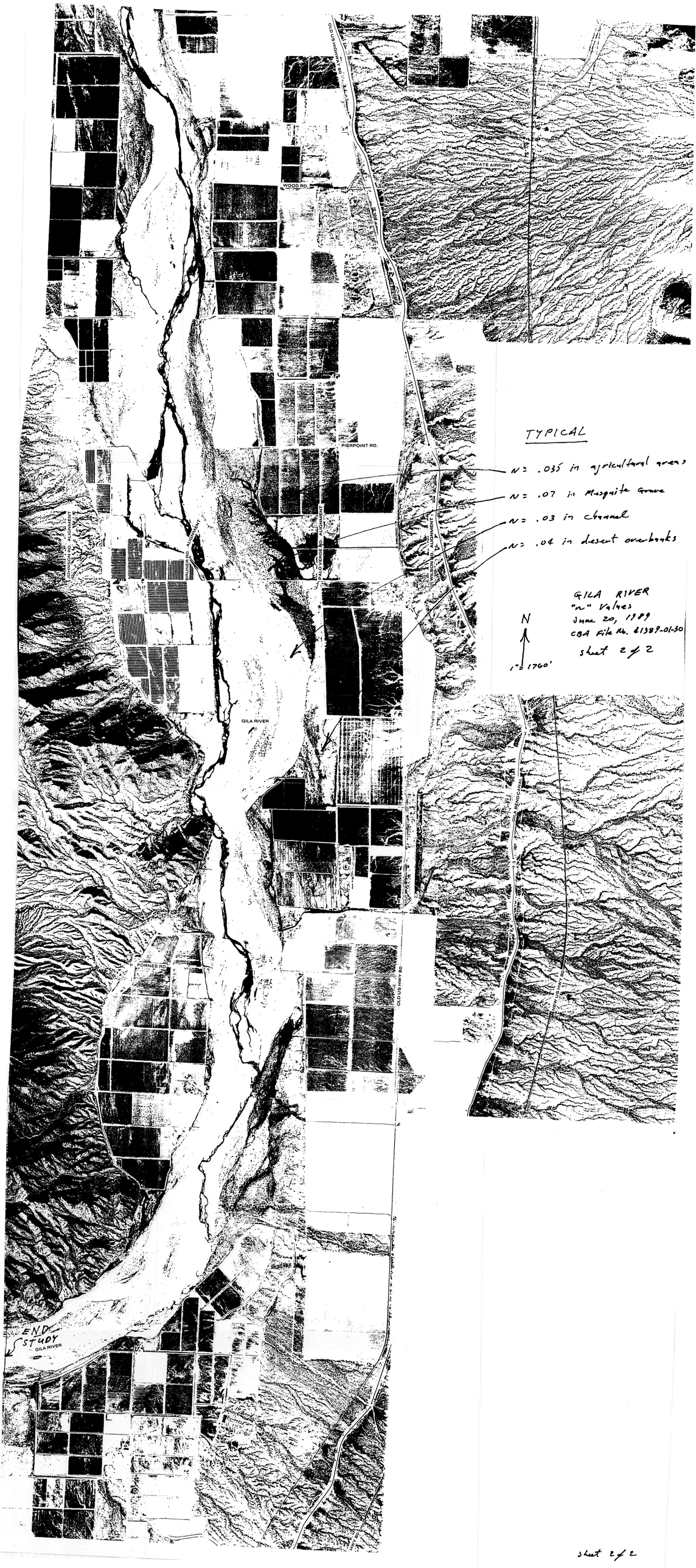
- n : .07 in Salt Cedar Areas
- n : .04 in overbanks without Salt Cedars
- n : .035 in agricultural areas
- n : .03 to .035 in channel
- .03 (TYPICAL)
- .035 (TYPICAL)

N

Rupp Aerial Photography

1" = 1760'

Sheet 1 of 2



TYPICAL

N = .035 in agricultural areas

N = .07 in Mesquite Grove

N = .03 in channel

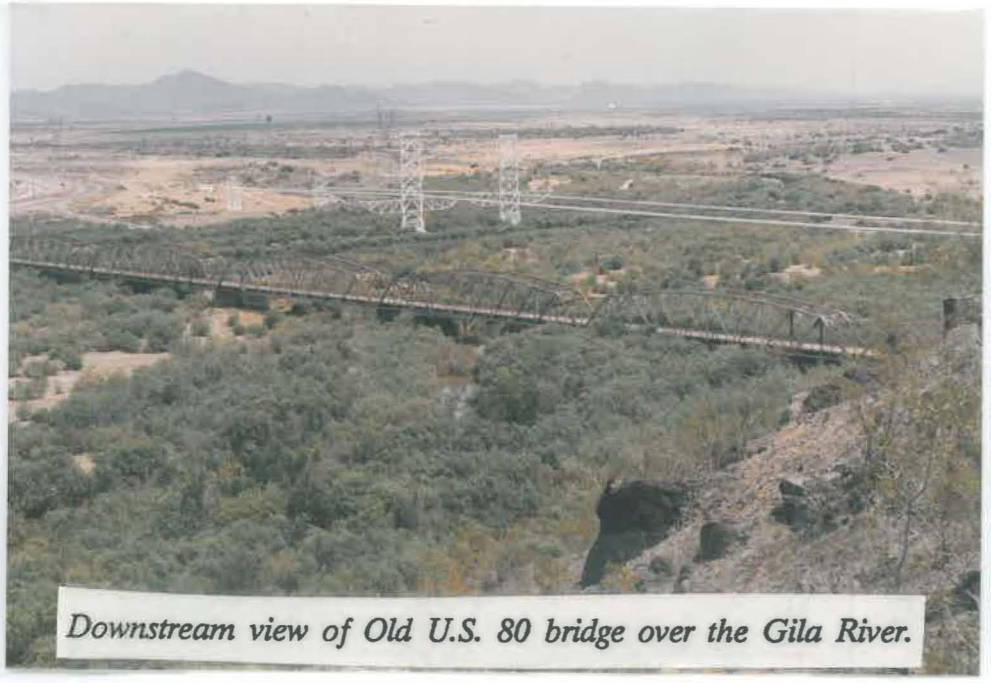
N = .04 in desert overbanks

GILA RIVER
"n" Values
June 20, 1989
COA File No. 61389-01-30
sheet 2 of 2

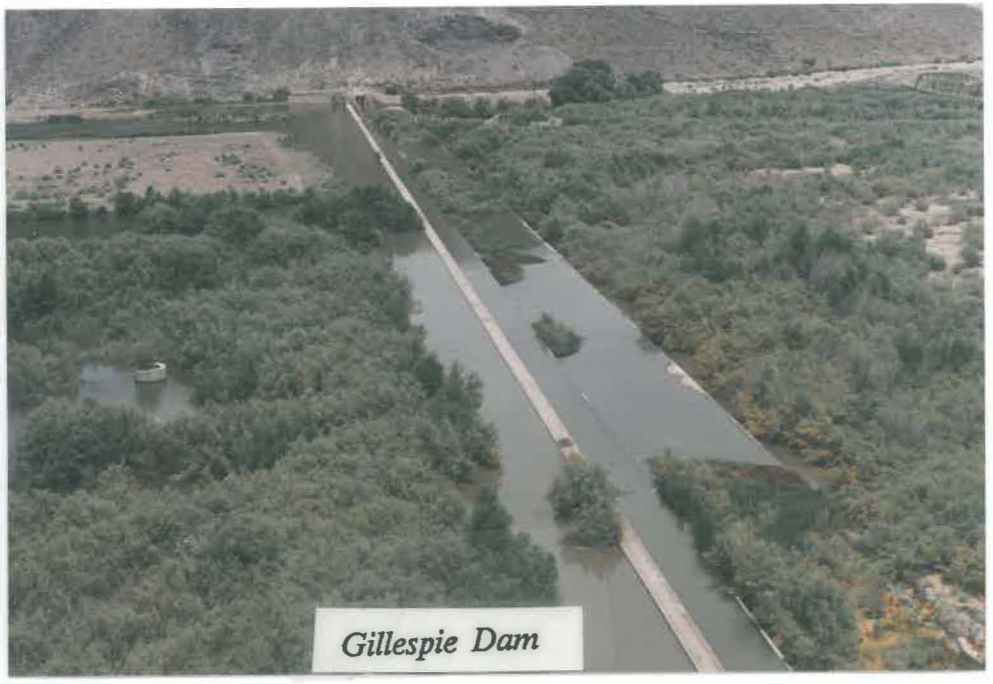
N

1" = 1760'

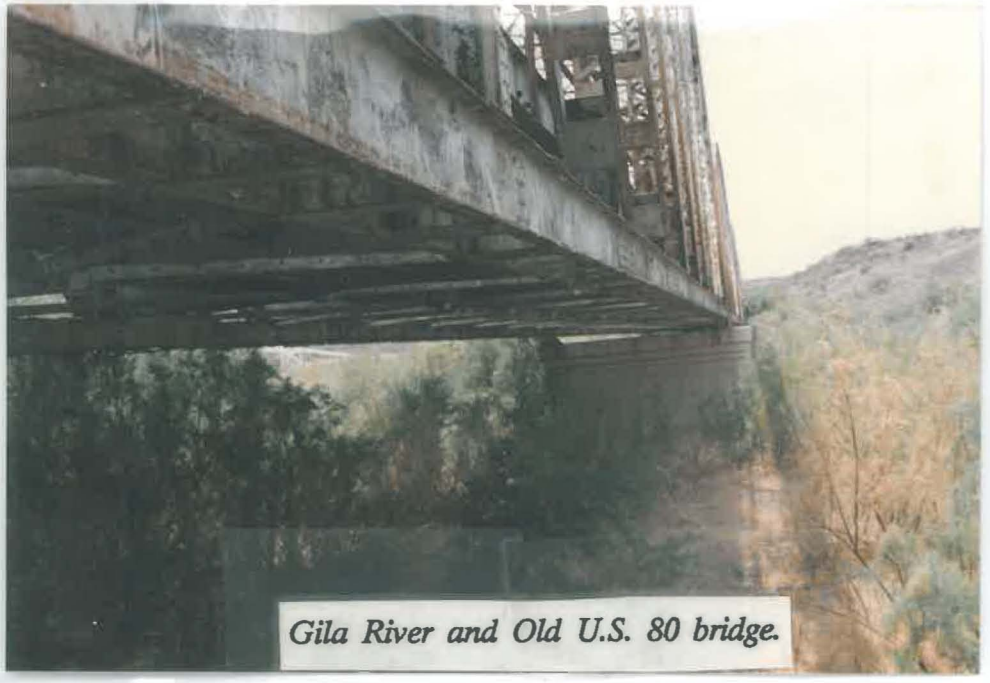
Print rite
ARCHIVAL PRESERVERS
STYLE 35-8P



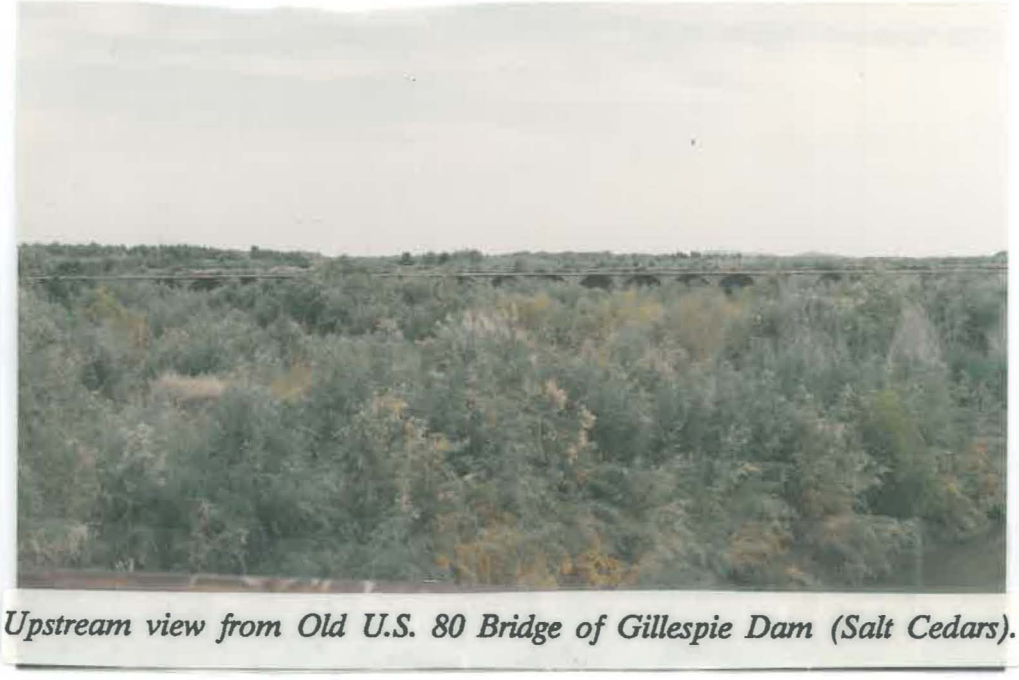
Downstream view of Old U.S. 80 bridge over the Gila River.



Gillespie Dam

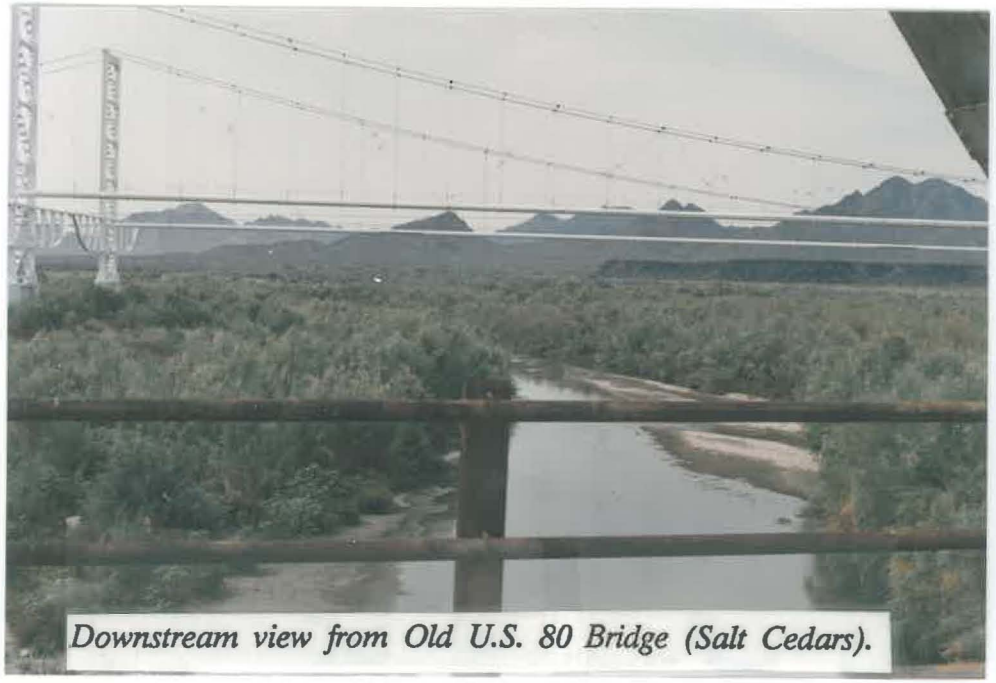


Gila River and Old U.S. 80 bridge.

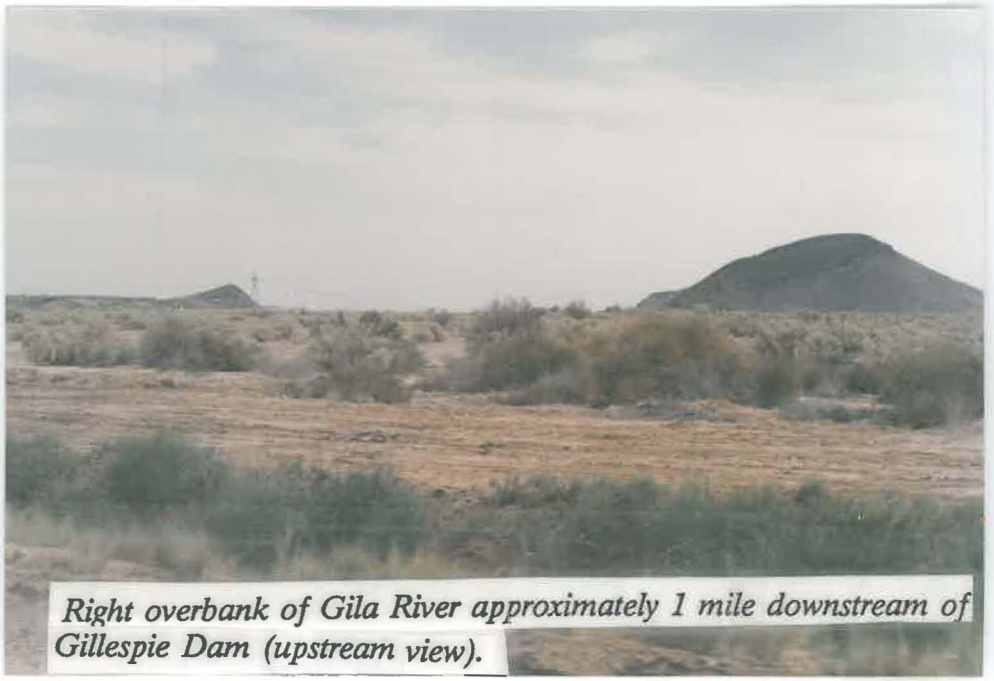


Upstream view from Old U.S. 80 Bridge of Gillespie Dam (Salt Cedars).

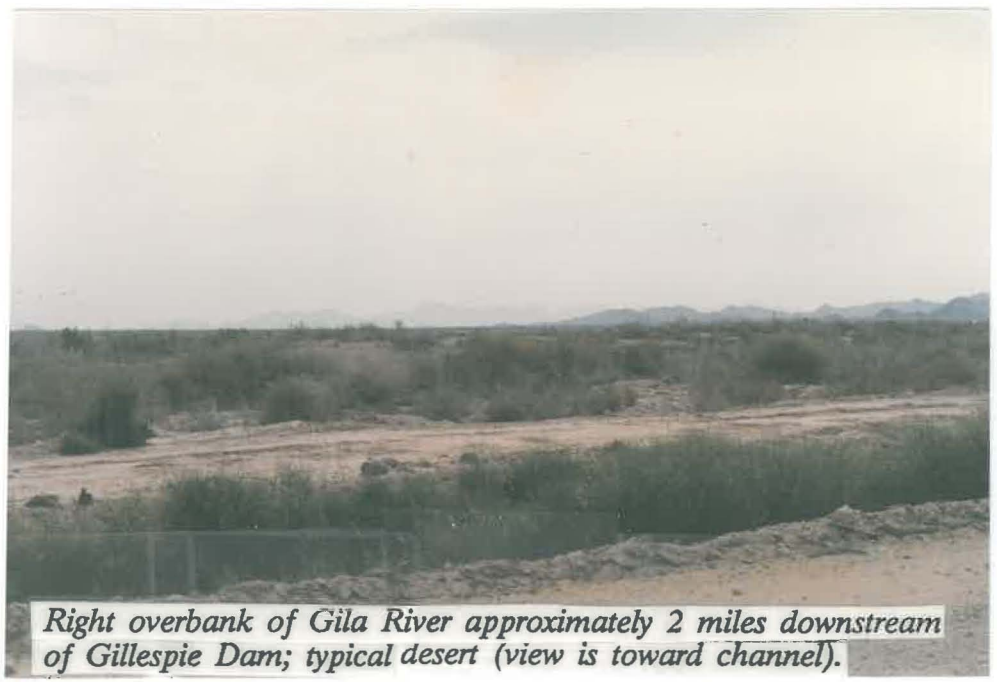
Print File
ARCHIVAL PRESERVERS
STYLE 35-8P
PH ASTIC CTS, IN BOX 6 RLAND 2860-7



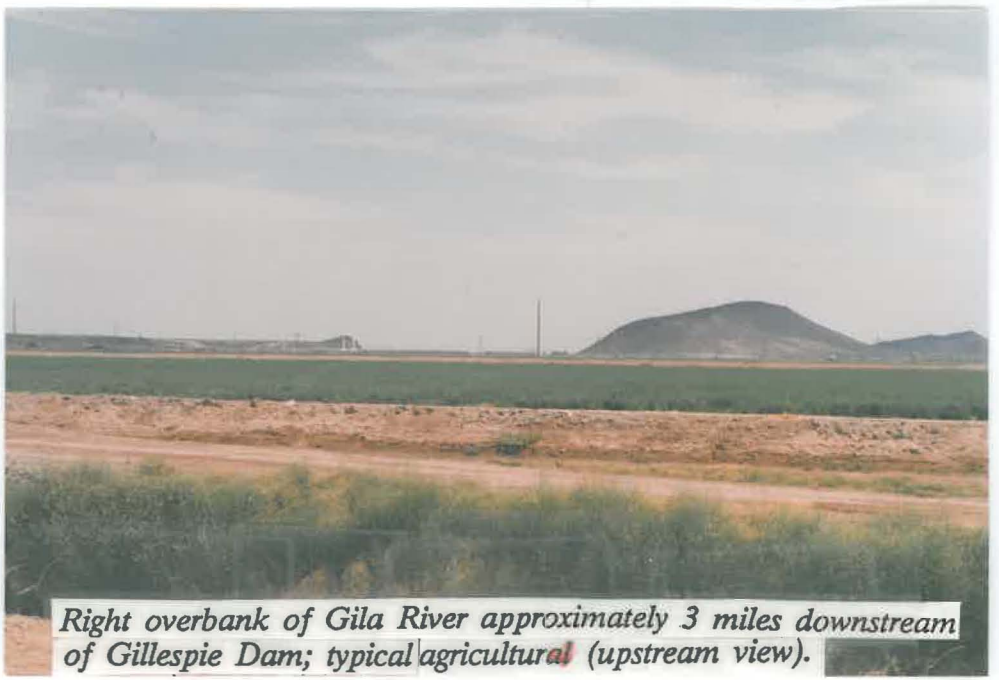
Downstream view from Old U.S. 80 Bridge (Salt Cedars).



Right overbank of Gila River approximately 1 mile downstream of Gillespie Dam (upstream view).

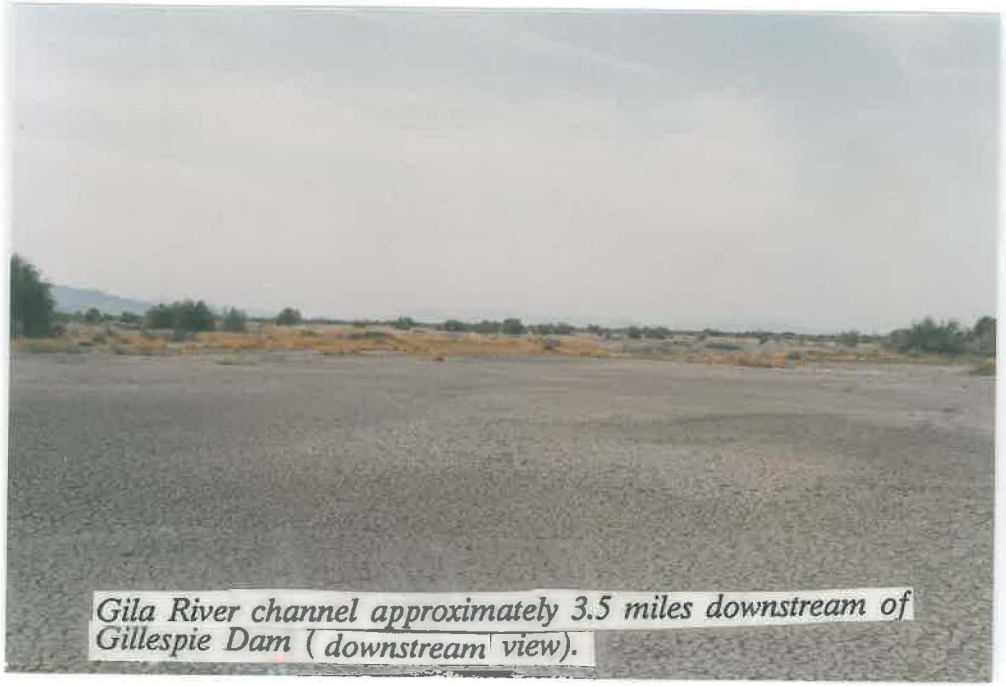


Right overbank of Gila River approximately 2 miles downstream of Gillespie Dam; typical desert (view is toward channel).



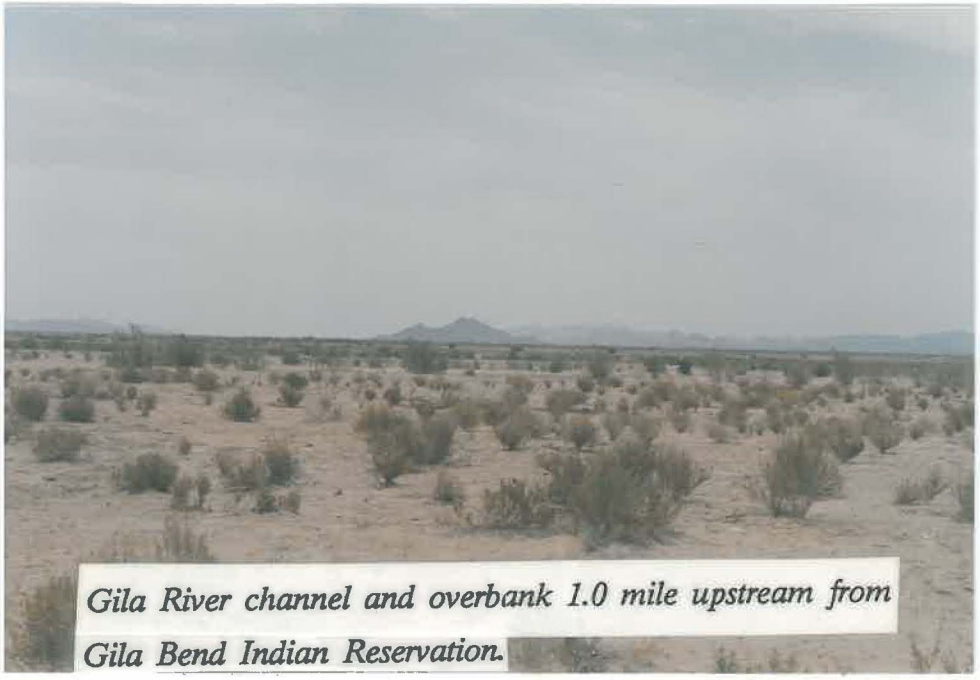
Right overbank of Gila River approximately 3 miles downstream of Gillespie Dam; typical agricultural (upstream view).

Print File
ARCHIVAL PRESERVERS
STYLE 35-8P



Gila River channel approximately 3.5 miles downstream of Gillespie Dam (downstream view).

Earthen levee at Enterprise Ranch, right overbank of Gila River (upstream view).



Gila River channel and overbank 1.0 mile upstream from Gila Bend Indian Reservation.

Gila River channel 1.0 mile upstream from Gila Bend Indian Reservation.