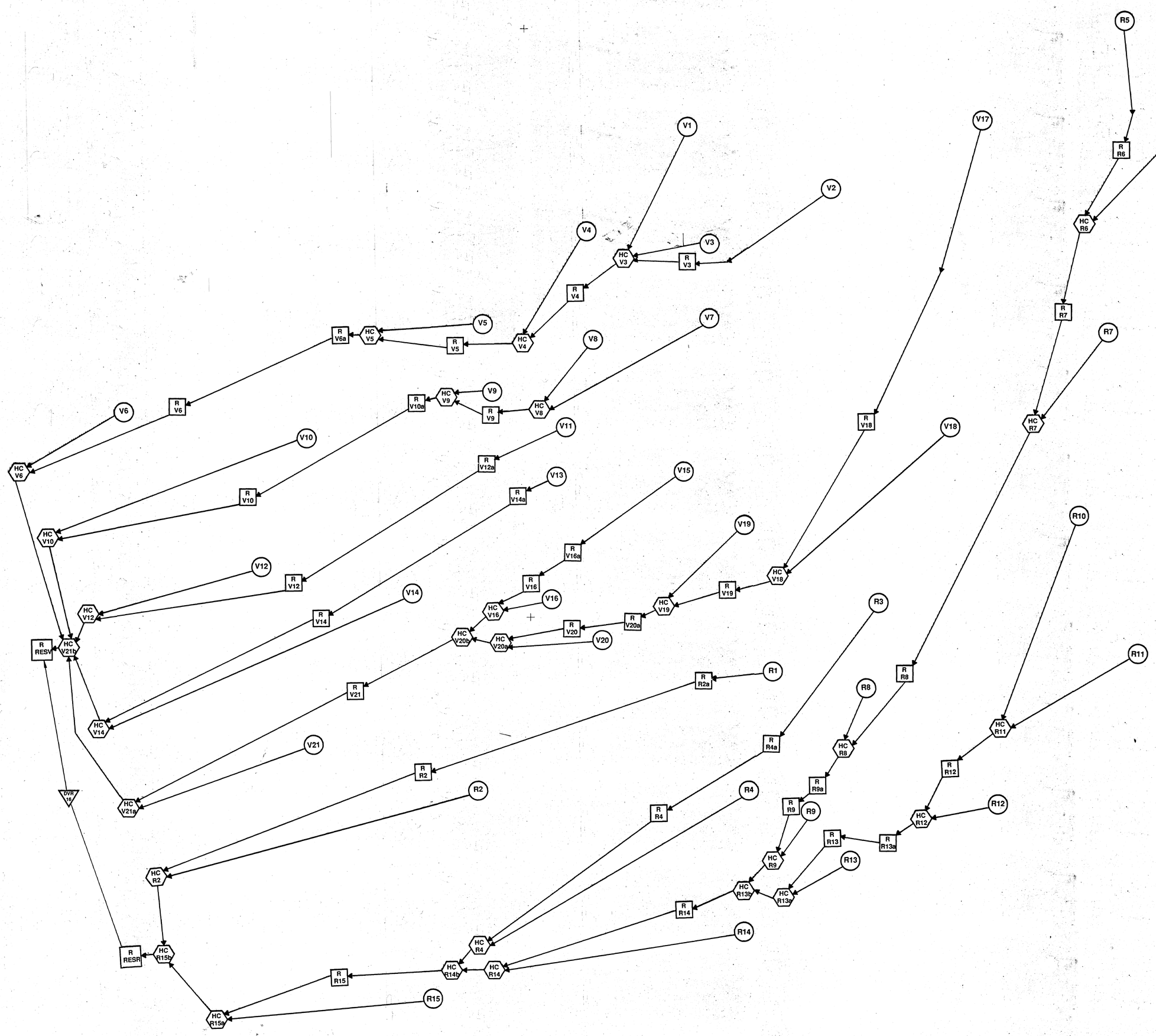


V12 SUBAREA CALCULATION

HC V12 COMBINED HYDROGRAPH

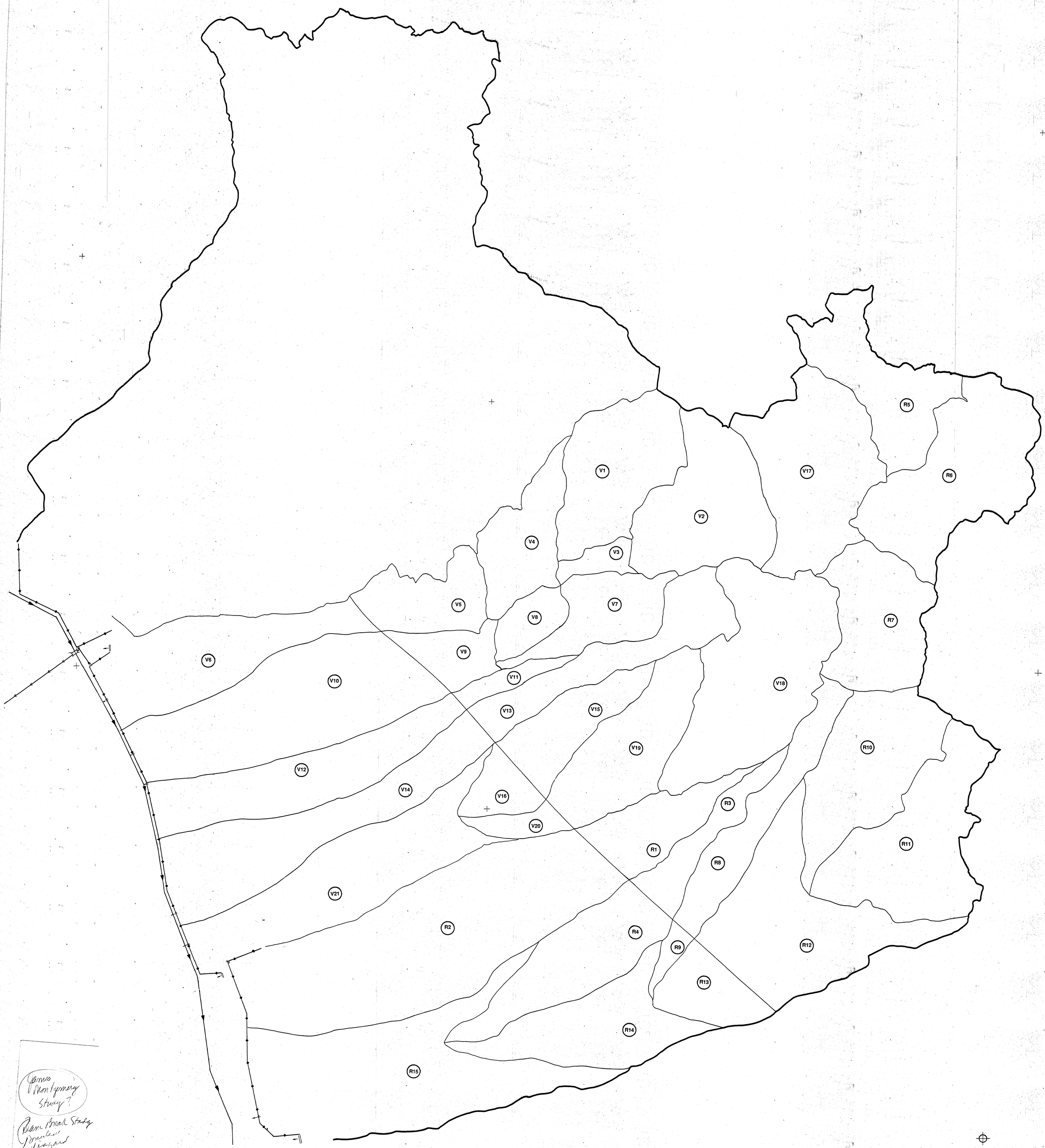
HC V12 ROUTE HYDROGRAPH

DVR 16 DIVERT HYDROGRAPH

ROUTING SCHEMATIC

CENTRAL FILES
REVISED 3-14

POWERLINE, VINEYARD, AND RITTENHOUSE FRS DAMBREAK STUDY
JAMES MONTGOMERY ENG.
FCD 88-37



James Montgomery Study?

Plan Brook Study
Powerline
Vineyard
Rittenhouse

TOPOGRAPHIC BASE MAP COMPOSED OF THE FOLLOWING
7 1/2 ' U.S.G.S. TOPOGRAPHIC QUAD MAPS

APACHE JUNCTION (1956/1973)
DESERT WELL (1956/1973)
FLORENCE JUNCTION (1966)
SUPERSTITION MTS SW (1956/1981)
WEAVERS NEEDLE (1966)
GOLDFIELD (1956)

2000 0 2000 4000
SCALE IN FFET

JMM James M. Montgomery
Consulting Engineers Inc.

LEGEND

- DAM (FLOOD RETARDING STRUCTURE)
- FLOODWAY (DIVERSION CHANNEL)
- CENTRAL ARIZONA PROJECT
- C.A.P. OVERCHUTE
- GATED OUTLET
- EMERGENCY SPILLWAY
- PRINCIPAL SPILLWAY (PIPE)

WATERSHED / SUBBASIN

JMM James M. Montgomery
Consulting Engineers Inc.

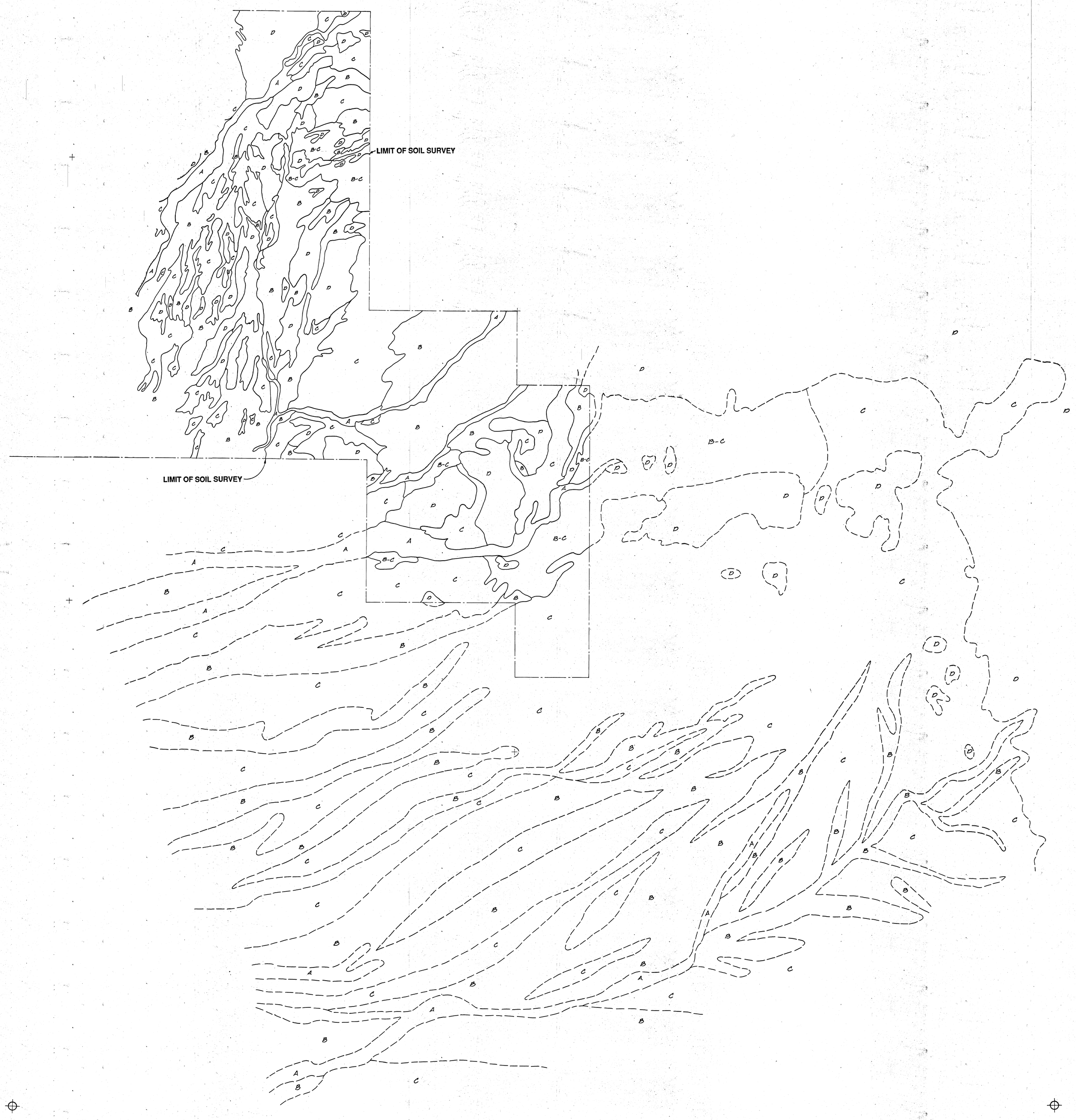
	BY:	DATE:
DESIGN		
DESIGN CHECK		
PLANS		
PLANS CHECK		
SUBMITTED BY:		DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

HYDROLOGIC CRITERIA
DRAINAGE AREAS ABOVE
POWERLINE, VINEYARD, AND RITTENHOUSE
FLOOD RETARDING STRUCTURES

RECOMMENDED BY: DATE:
APPROVED BY: DATE:
CHIEF ENGINEER AND GENERAL MANAGER

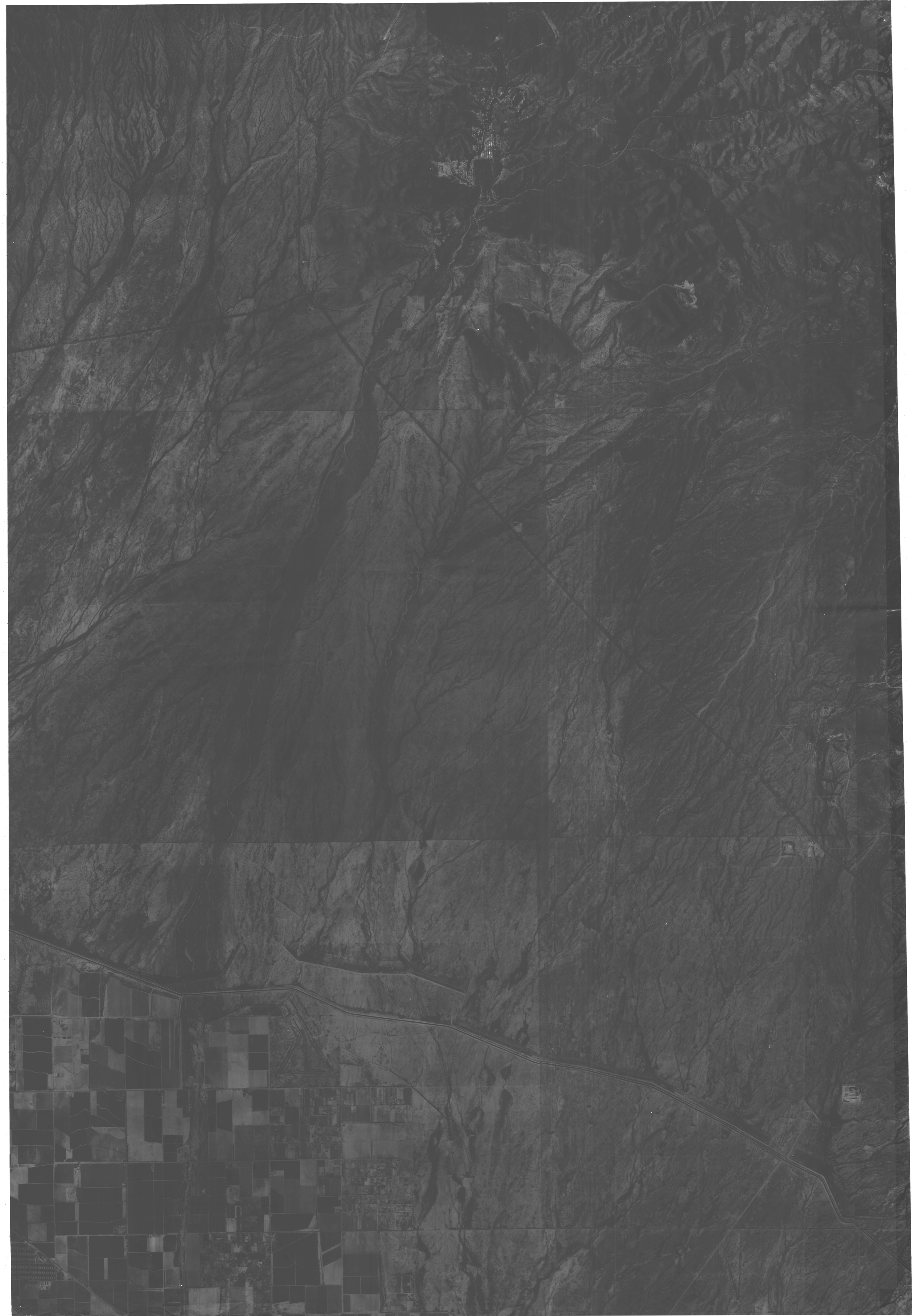
SHEET OF

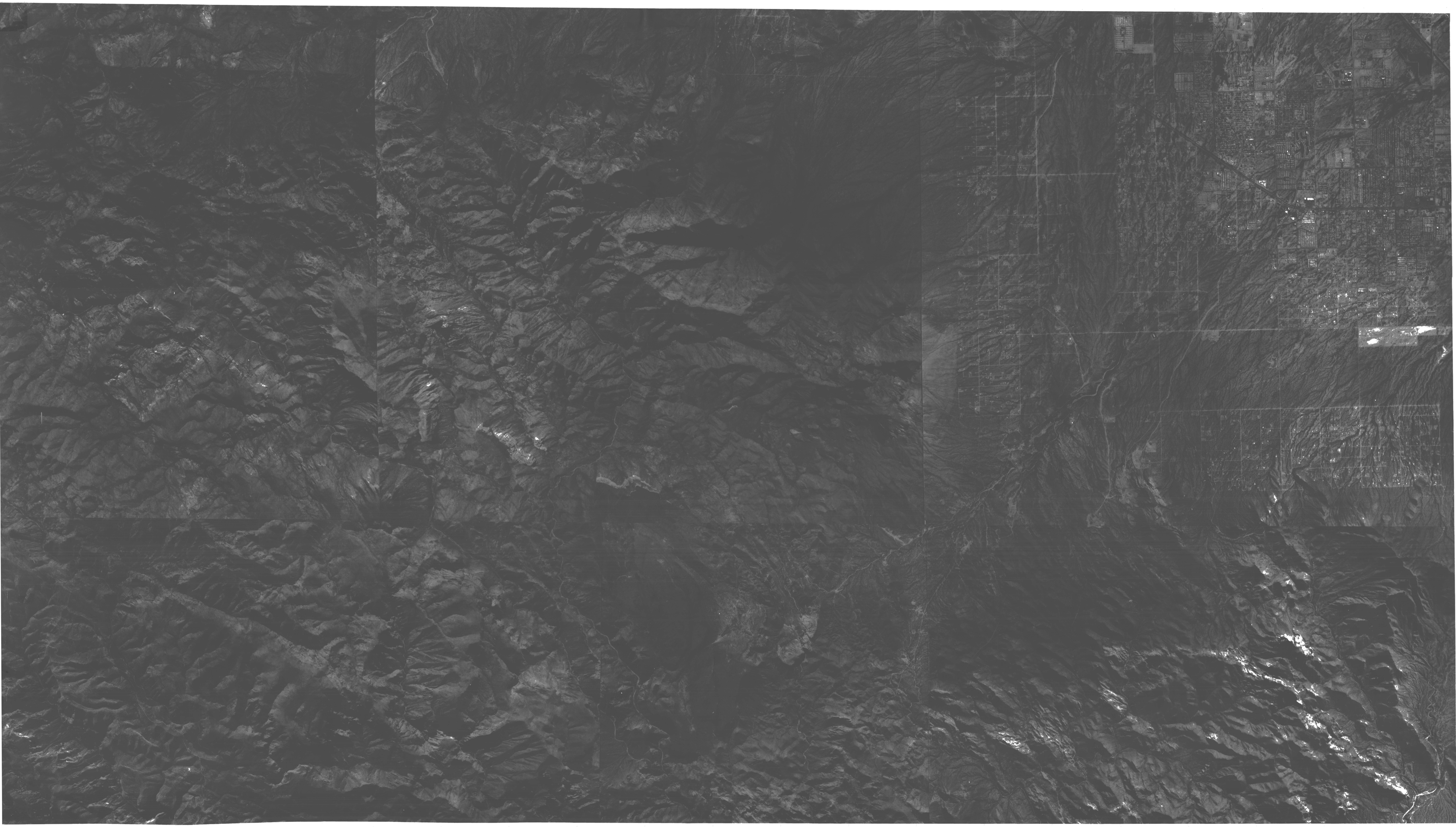


(C) SOIL GROUP FROM "SOIL SURVEY OF THE AGUILA-CAREFREE AREA, PARTS OF MARICOPA AND PINAL COUNTIES, ARIZONA" (SCS, 1986)

(C) ASSUMED SOIL GROUP

HYDROLOGIC SOIL GROUPS





TOPOGRAPHIC