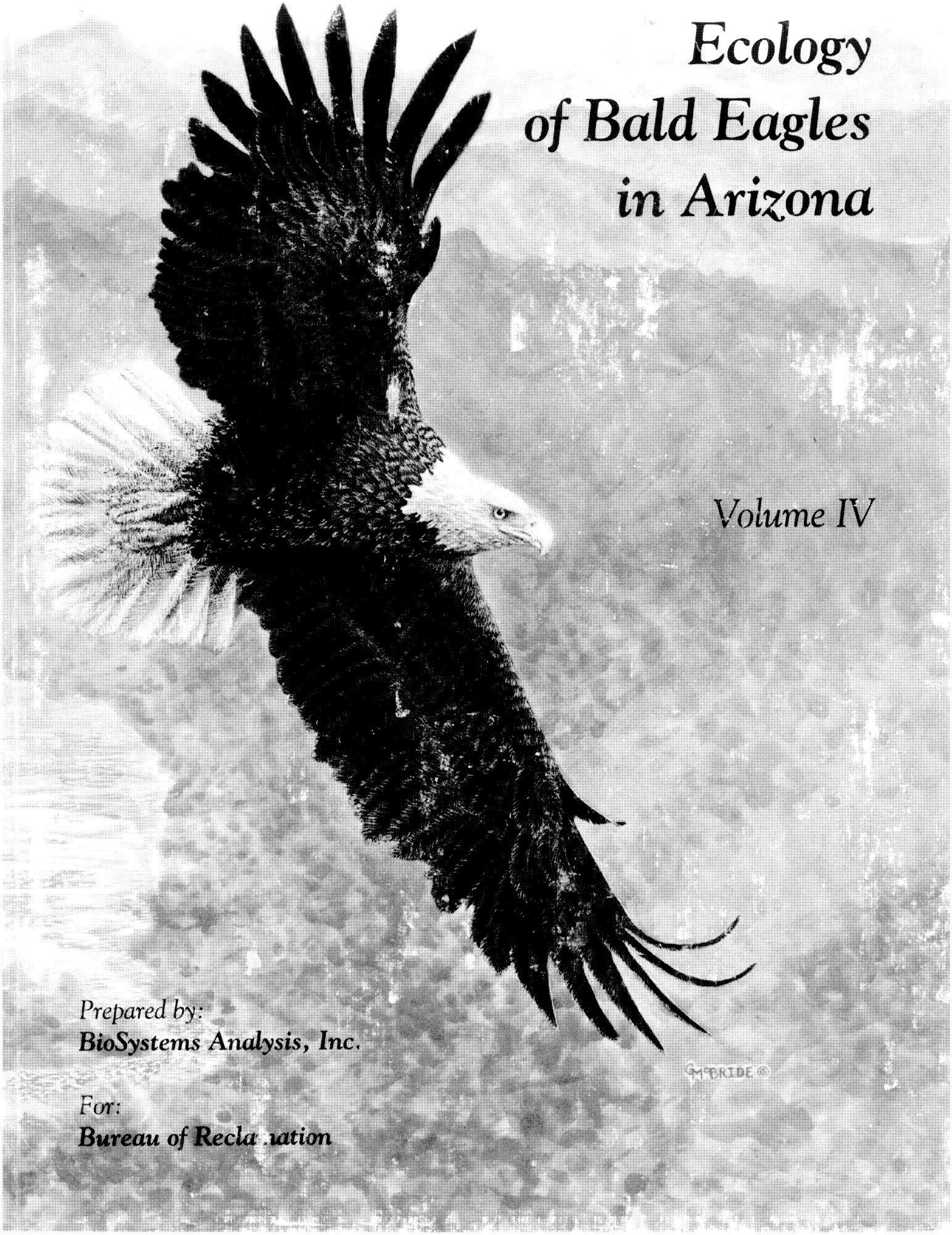

Ecology of Bald Eagles in Arizona

Volume IV

Prepared by:
BioSystems Analysis, Inc.

For:
Bureau of Reclamation

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ECOLOGY OF BALD EAGLES IN ARIZONA

BIOSYSTEMS' RIVER MAP ATLAS

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BIOSYSTEMS' RIVER MAP ATLAS

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INTRODUCTION

We created the BioSystems' River Map Atlas to provide our field personnel with an accurate method of recording bald eagle and fish activity along the rivers, creeks, and reservoirs of central Arizona where the eagles currently breed. The systems include the Bill Williams, Verde, Salt, Gila, and Agua Fria (see Topographical Index Map).

The Atlas offers a ready means of juxtaposing locational data from a variety of sources. By entering Km data into computer files, we were able to develop a picture of bald eagle ecology by directly comparing locational information, such as aquatic and terrestrial habitat features, eagle perching and foraging events, and prey occurrence, For example, the Km system allowed us to map fish spawning areas and the aquatic features associated with their vulnerability to eagles in relation to the use of these areas by bald eagles.

Using standard topographic maps of each river system, we created one-kilometer ("Segment") and tenth-kilometer ("Km") graduations along the approximate river channel centerlines from the terminal point of each (Km 0.0) upstream to its origin. For example, the terminus of the Bill Williams River is at its confluence with the Colorado River (Km 0.0), and its origin is at the confluence of the Big Sandy and Santa Maria rivers (Km 56.2). The selected terminus (Km 0.0) of each river system in this Atlas is as follows:

Big Sandy River—Confluence with Santa Maria River;

Santa Maria River—Confluence with Big Sandy River;

Bill Williams River—Confluence with Colorado River;

Verde River—Confluence with Salt River;

East Verde River—Confluence with Verde River;

Salt River—Granite Reef Dam (diverts river into canals, leaving riverbed dry below dam);

Tonto Creek—Confluence with Salt River;

Cherry Creek—Confluence with Salt River;

Carrizo Creek—Confluence with Salt River;

Gila River—Highway 77 (No known bald eagle nest sites on the remainder of the Gila west to its confluence with the Colorado River);

San Carlos River—Confluence with Gila River;

Agua Fria River—Confluence with Gila River.

In addition to the *River Kilometers* marked down the channel centerlines, we plotted *Shoreline Kilometers* (SKm) around the high pool level of each reservoir. These graduations allowed identification and computerization of specific locations where the eagles perched and foraged, and related these locations to habitat features, both aquatic (e.g. water depth) and terrestrial.

The Topographical Index Map (Page 1) provides the list and location of standard quadrangles used to develop the River Map Atlas. Maps of each river system follows, detailed by Km, from its terminal point (Km 0.0) upstream to its origin, or to a point upstream of the area used by known eagle pairs. The

page prior to each Km map contains a state view of the area detailed on the Km plate, and the portion of the topographic quadrangle shown on the Km map. Each plate is labeled with the stream's initials followed by the plate number; for example, Big Sandy River Plate 1 = BSR1, and Tonto Creek Plate 5 = TC5.

The possible uses for this River Map Atlas are numerous. One might, for example, use it to standardize the location and scope of periodic fisheries or riparian vegetation surveys, or to establish the positions of flow gaging stations in relation to the mouths of tributaries, or to compare the distribution of archeological sites in time and space or in relation to terrain features along the river, or to identify riparian habitat in varying states of recovery and in relation to land ownership. In any case, the River Map Atlas is by no means restricted to the study of bald eagles.

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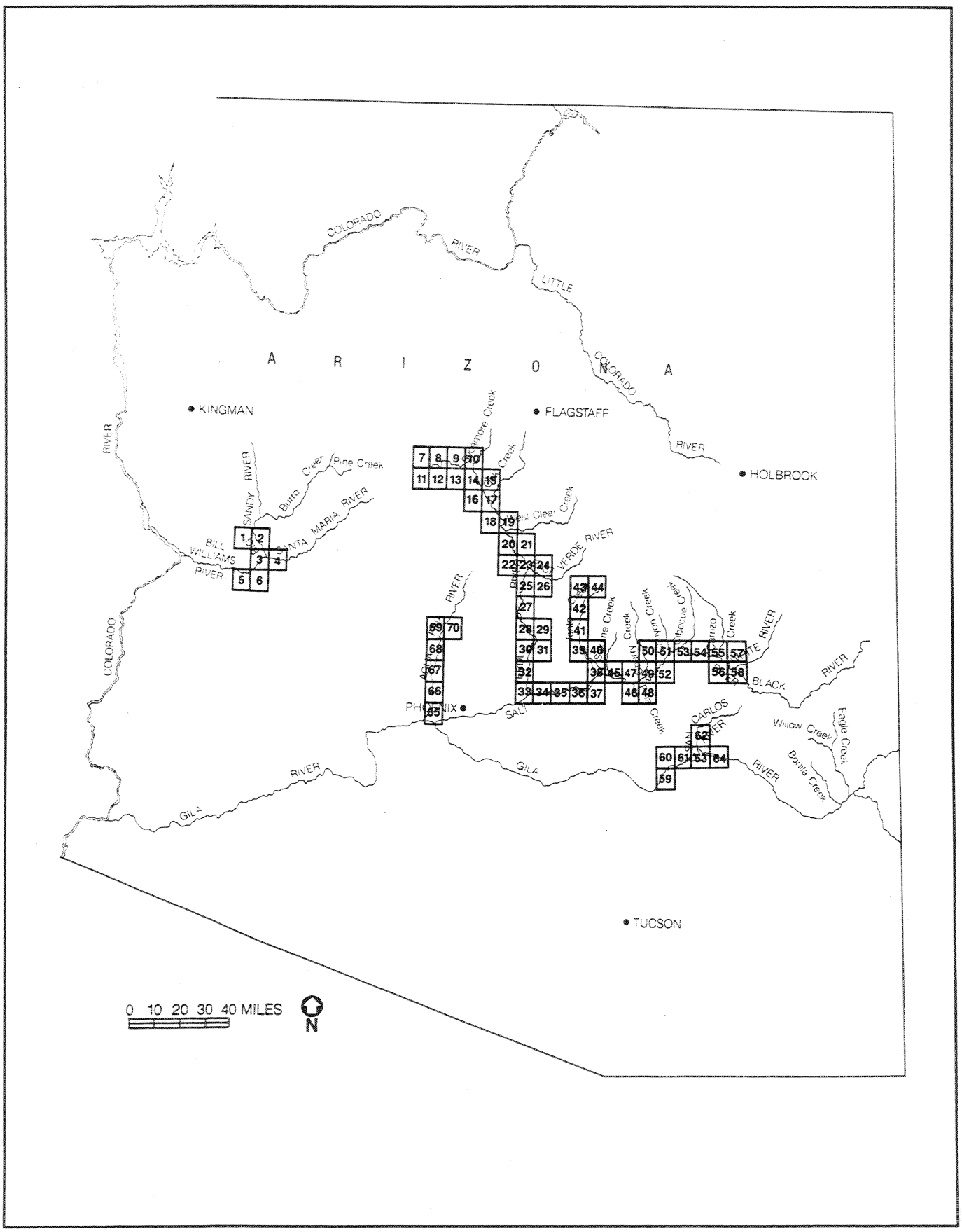
ARIZONA BALD EAGLE PROJECT RIVER MAP ATLAS INDEX

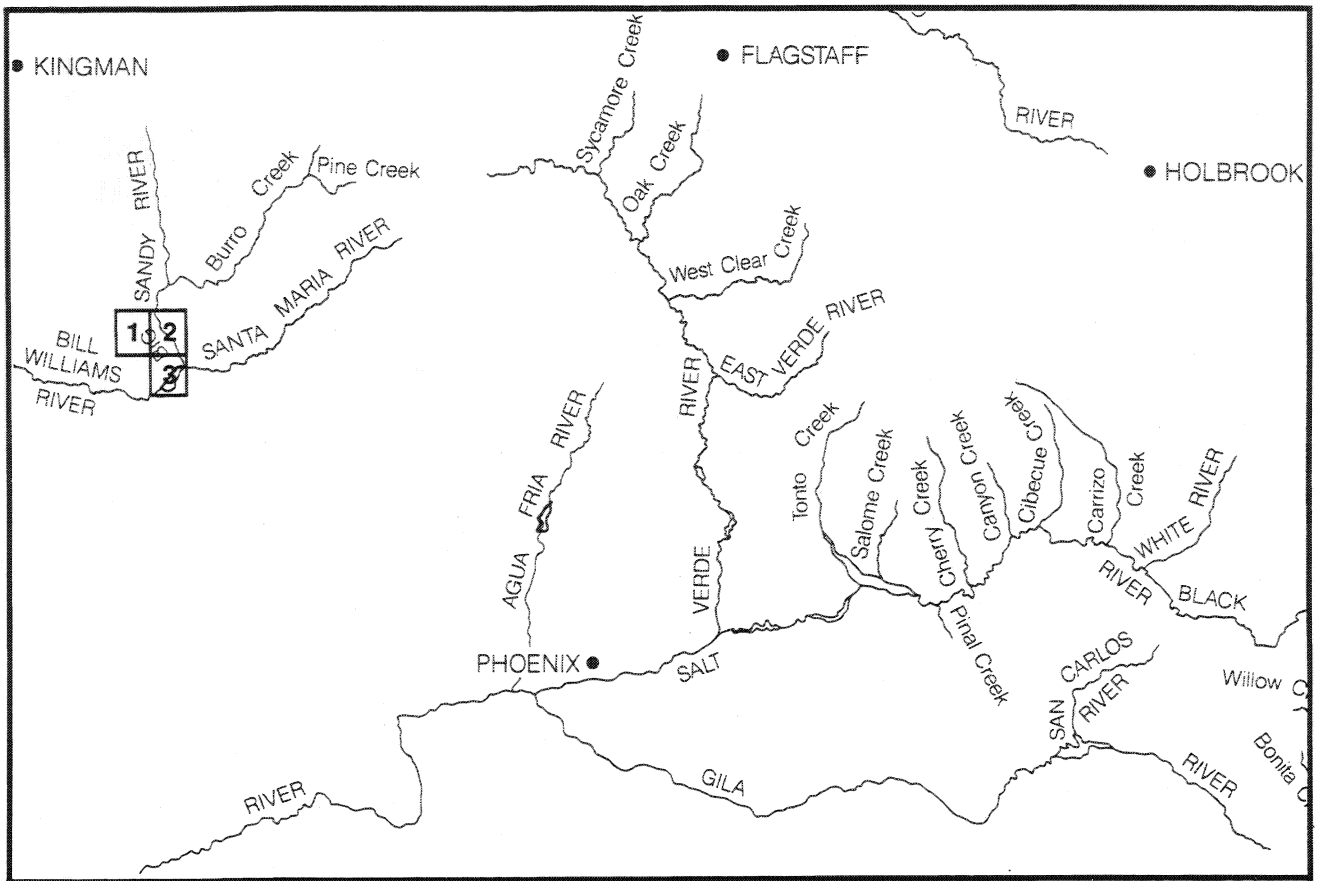
LEGEND

SMR = SANTA MARIA RIVER	VR = VERDE RIVER
CC = CARRIZO CREEK	SR = SALT RIVER
CHC = CHEERY CREEK	GR = GILA RIVER
TC = TONTO CREEK	EVR = EAST VERDE RIVER
AFR = AGUA FRIA RIVER	BWR = BILL WILLIAMS RIVER
SCR = SAN CARLOS RIVER	BSR = BIG SANDY RIVER


A R I Z O N A
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
TUCSON
COLORADO RIVER
LITTLE COLORADO RIVER
BILL WILLIAMS RIVER
SANDY RIVER
SANTA MARIA RIVER
VERDE RIVER
SALT RIVER
GILA RIVER
BLACK RIVER
CARLOS RIVER
Pine Creek
Willow Creek
Eagle Creek
Bonita Creek
0 10 20 30 40 MILES
N

BIG SANDY RIVER

KILOMETER 56.2–86.2



LEGEND

BSR = BIG SANDY RIVER

MILES

0 10 20 30

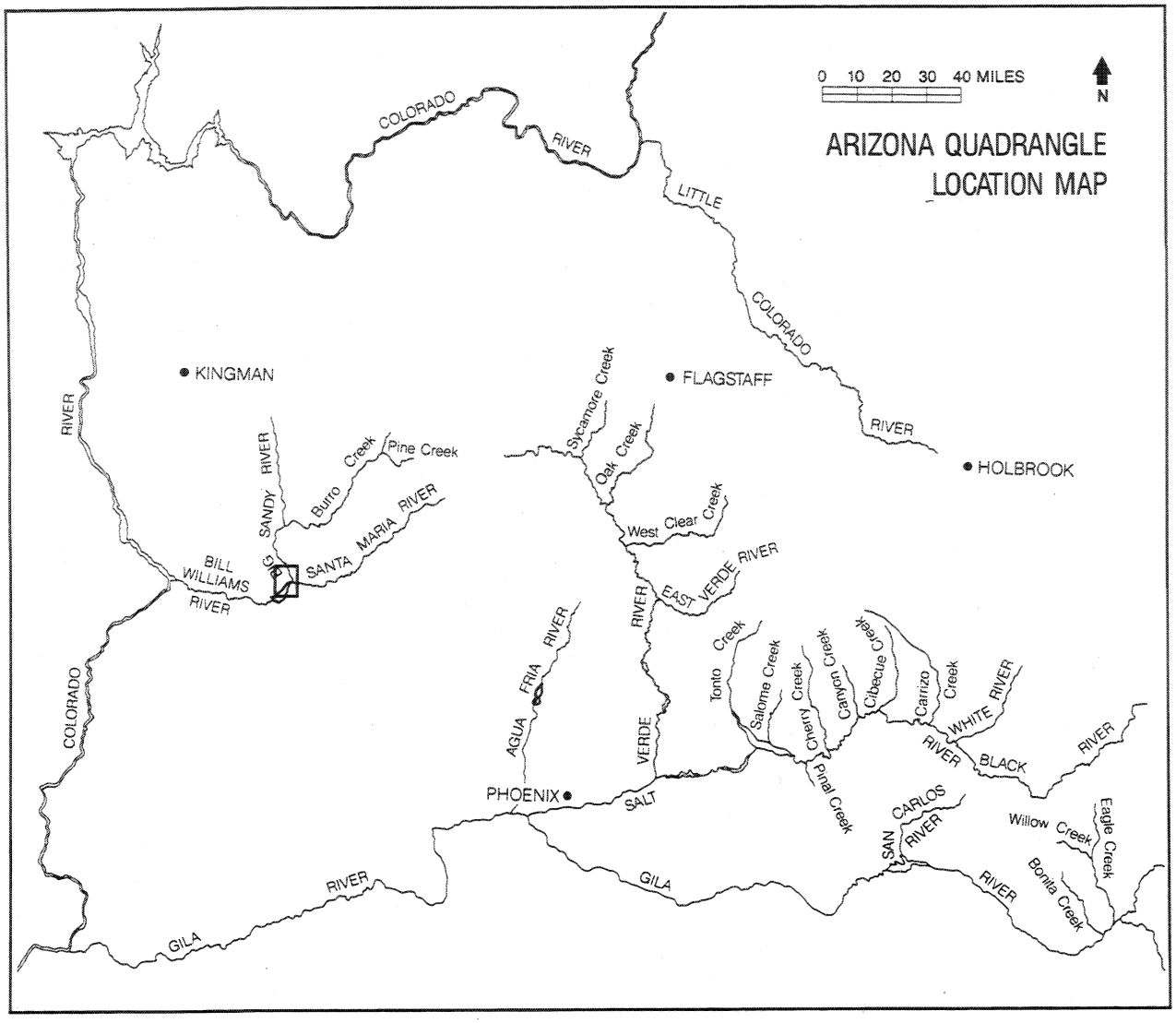
N

INDEX TO ARIZONA QUADRANGLES COVERING THE BIG SANDY RIVER

3:	Artillery Peak Quadrangle;	15′ SE ¼ ;	PLATE BSR 1
2:	Artillery Peak Quadrangle;	15′ NE ¼ ;	PLATE BSR 2, BSR 3
1:	Artillery Peak Quadrangle;	15′ NW ¼;	PLATE BSR 3

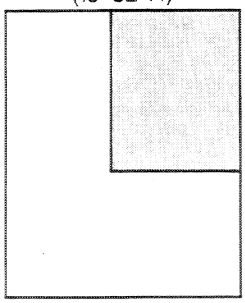
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

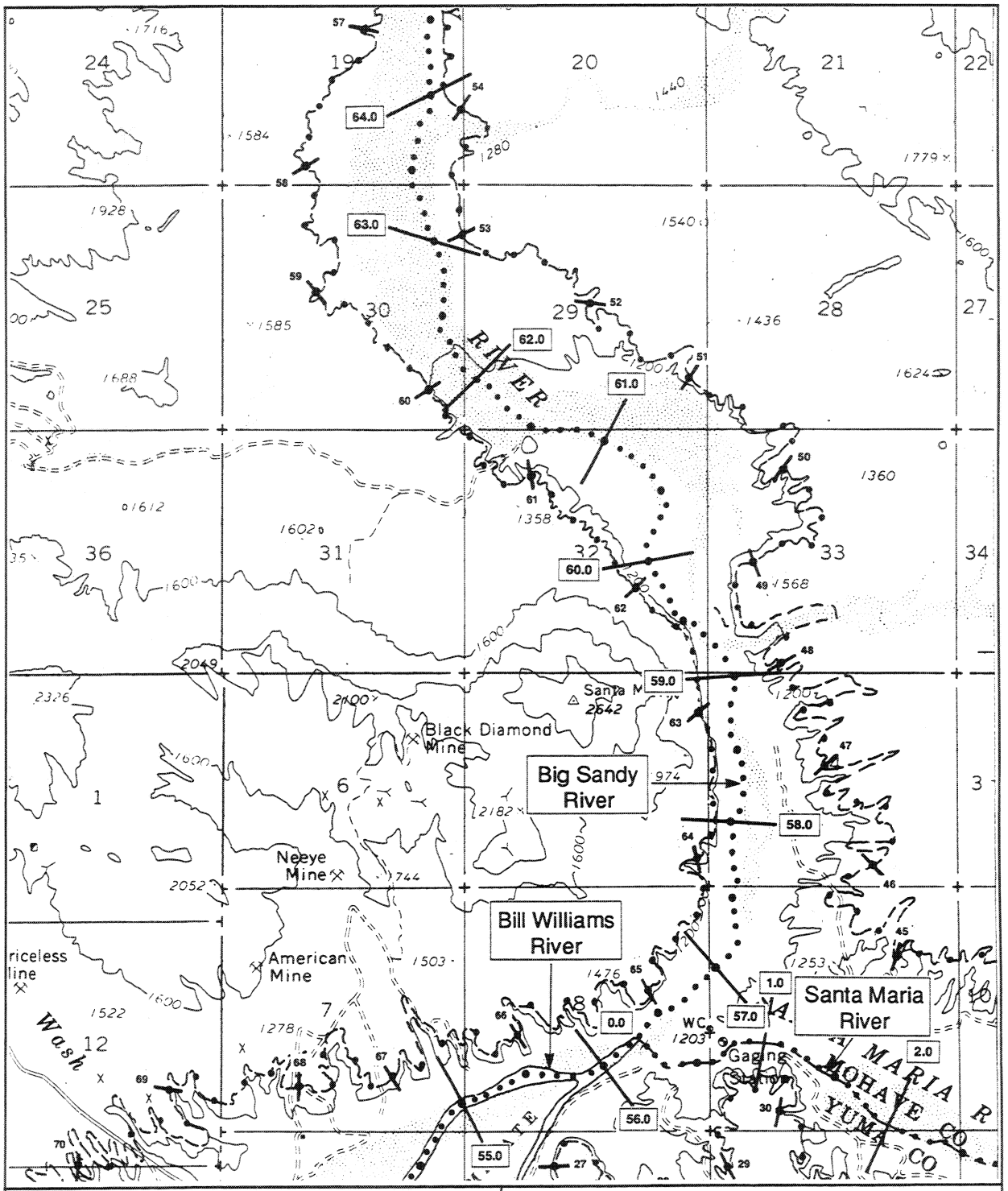
Prepared by: BioSystems Analysis, Inc.



PLATE; BSR 1

ARTILLERY PEAK QUAD
(15' SE ¼)





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

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0 .5 1 KILOMETER

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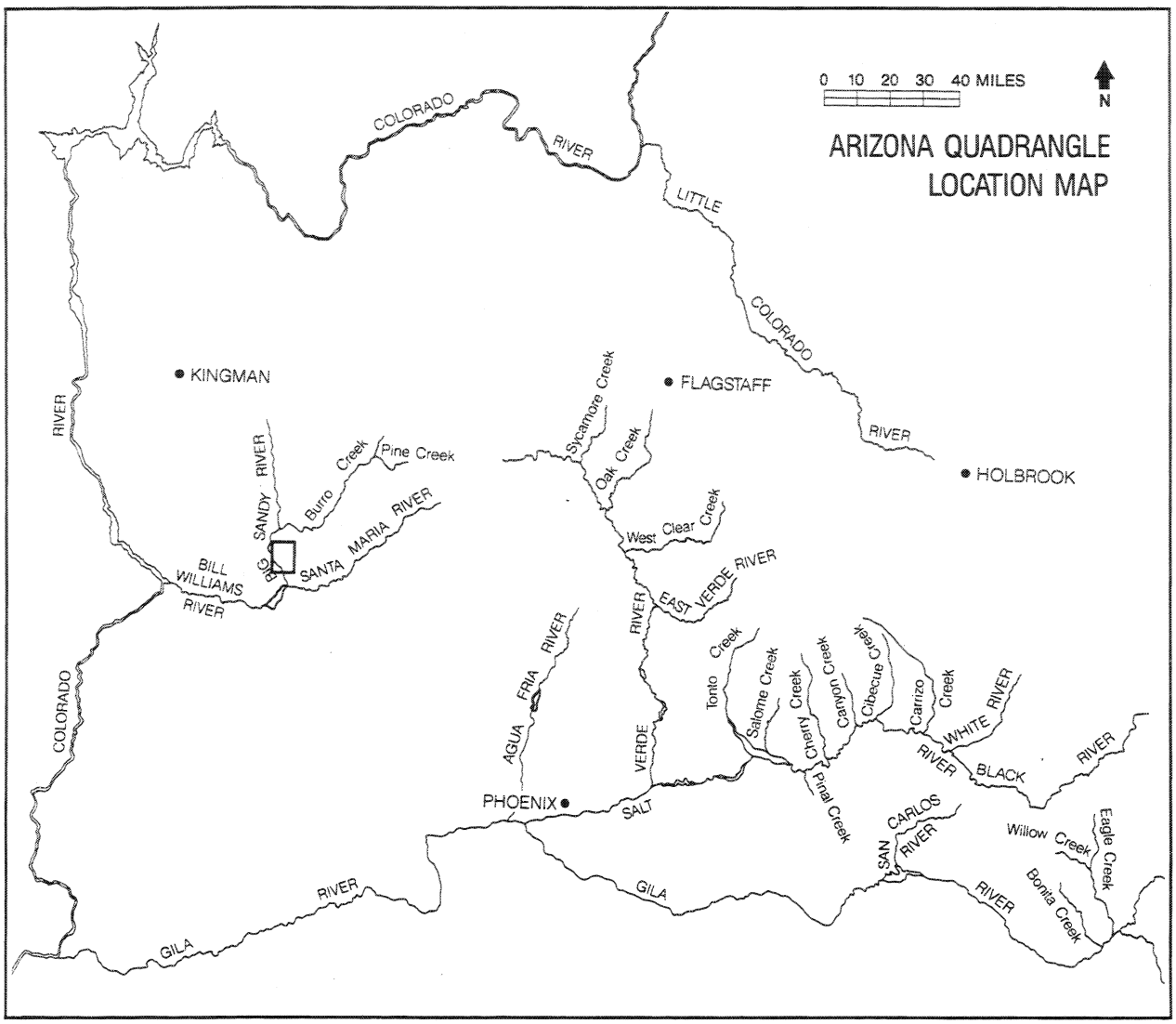
ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

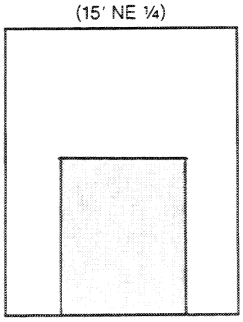
Big Sandy River
Plate; BSR 1

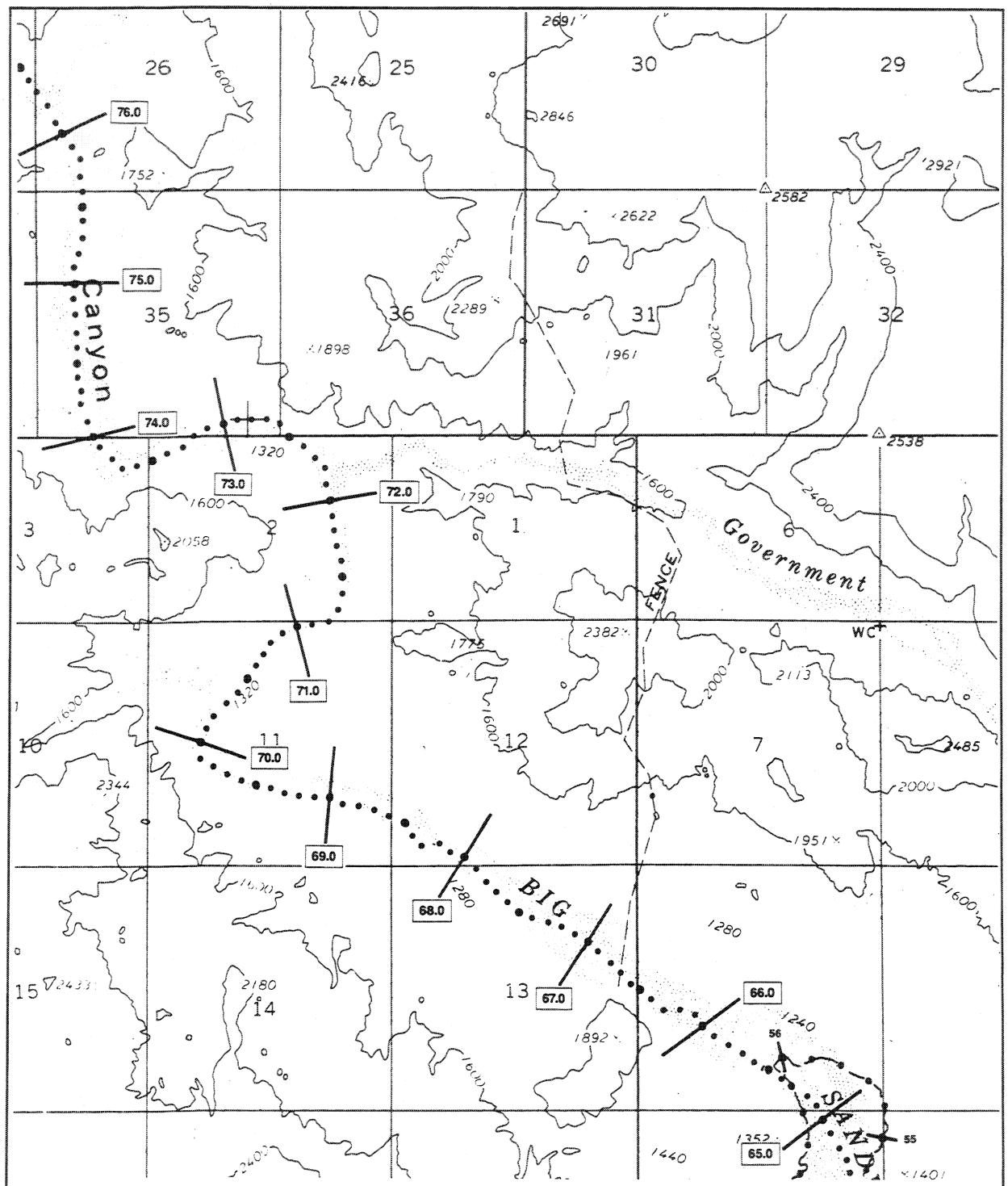
Prepared by: BioSystems Analysis, Inc.



PLATE; BSR 2

ARTILLERY PEAK QUAD
(15′ NE ¼)





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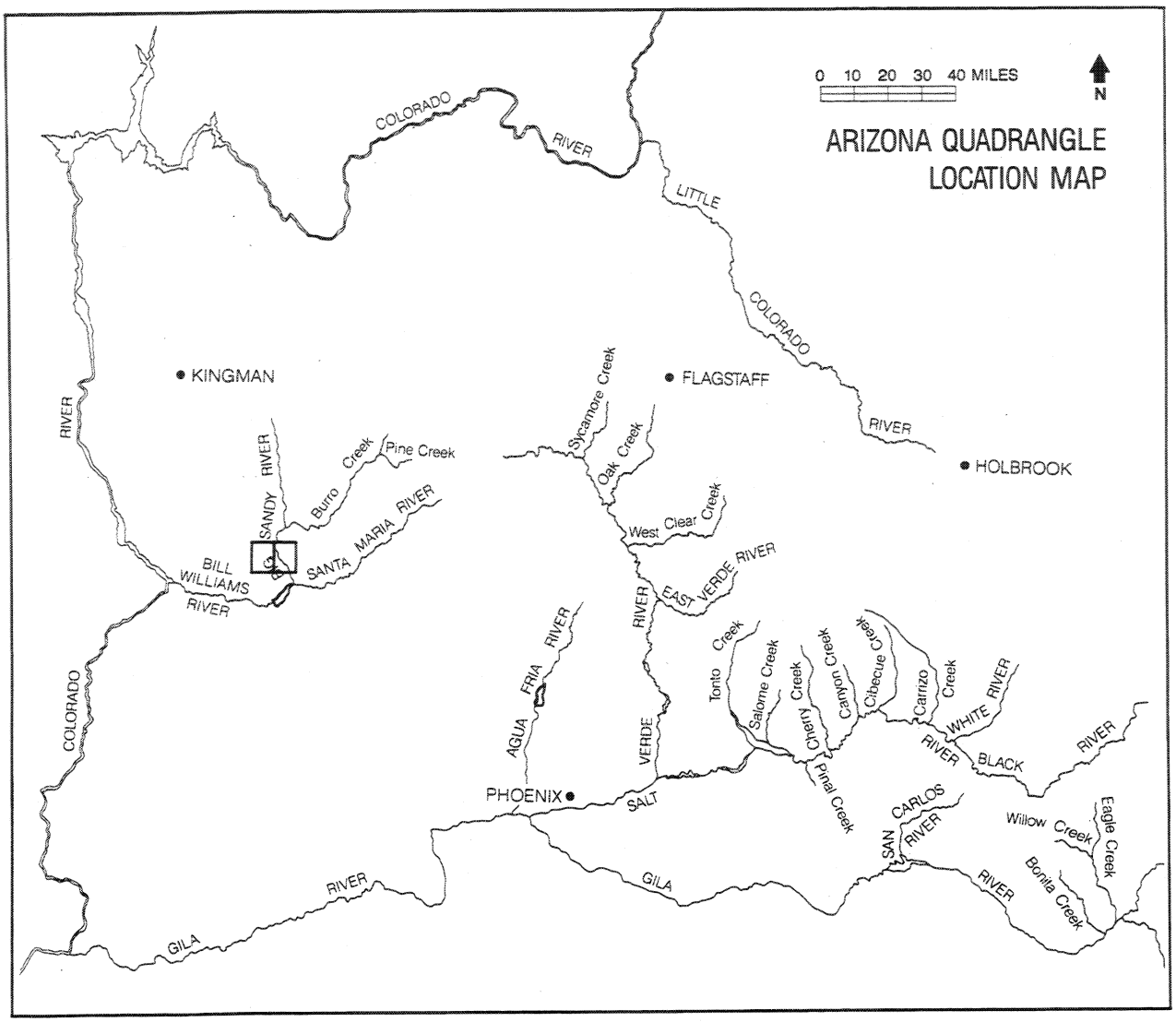
ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

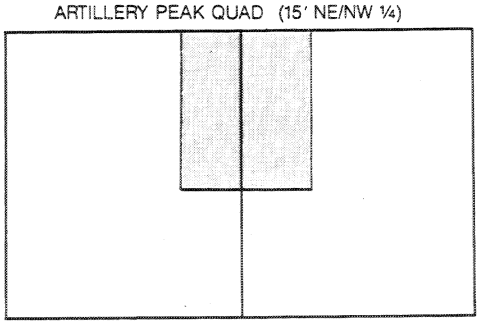
Big Sandy River
Plate; BSR 2

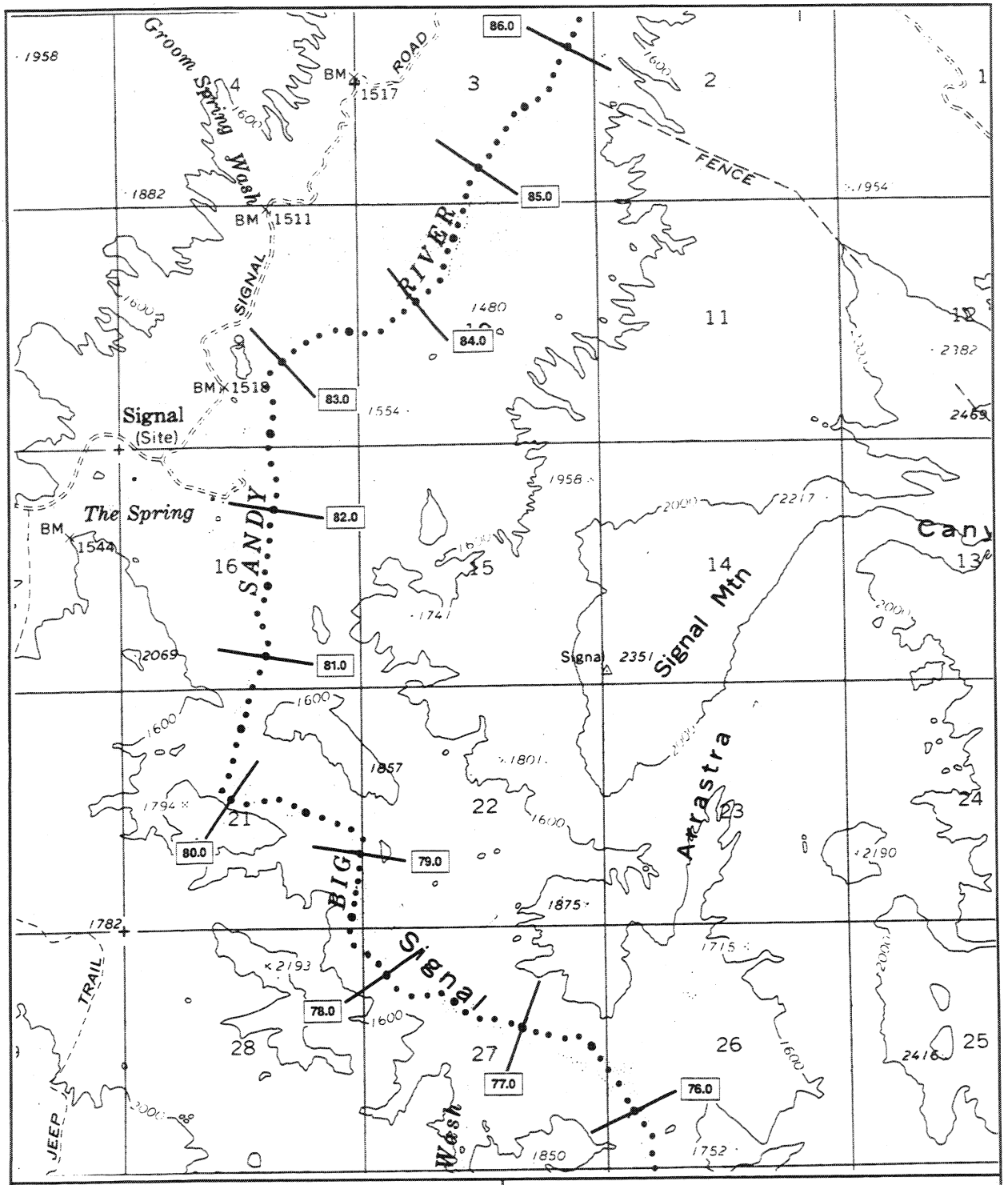
Prepared by: BioSystems Analysis, Inc.



PLATE; BSR 3

ARTILLERY PEAK QUAD (15′ NE/NW ¼)





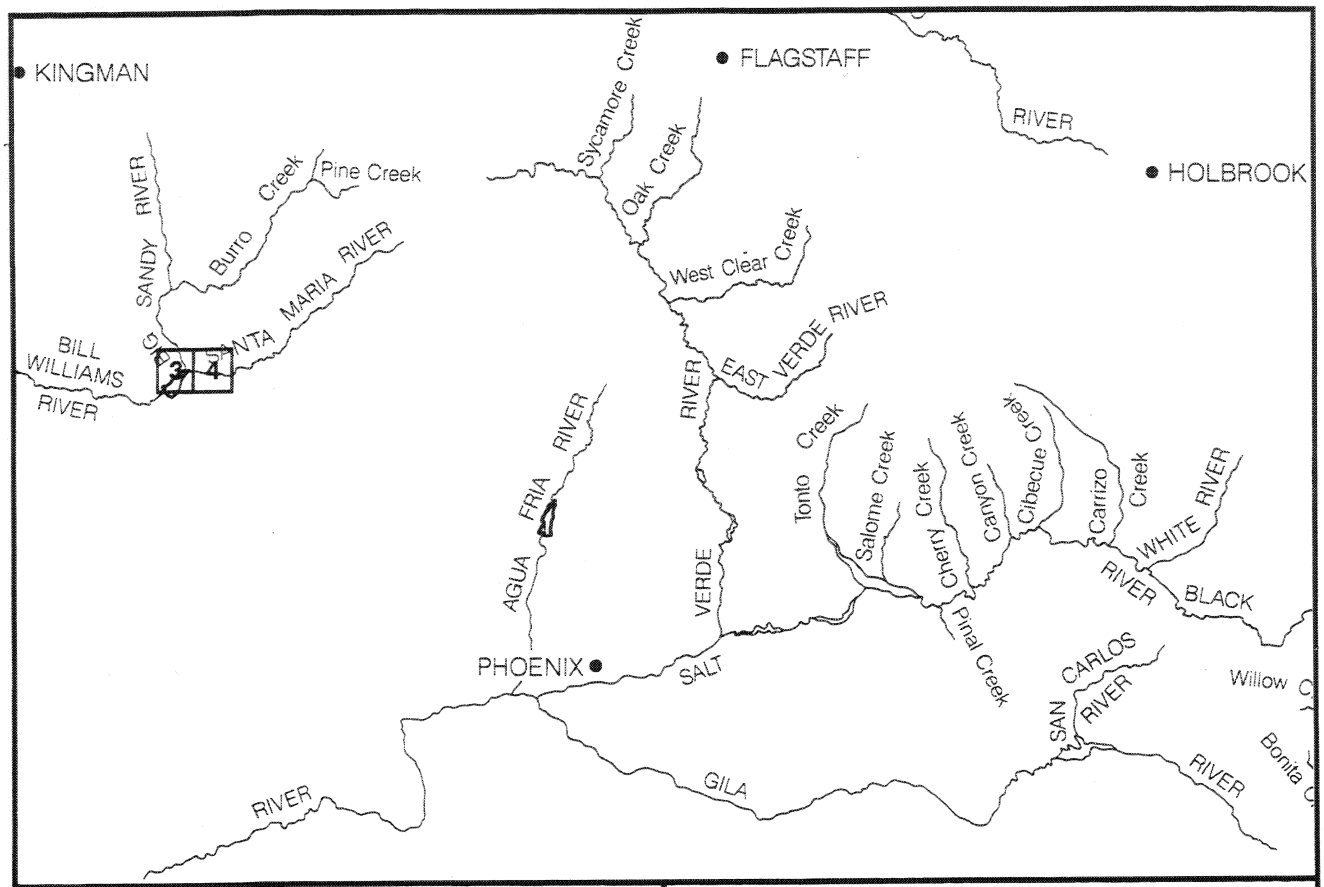
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

Big Sandy River
Plate; BSR 3

Prepared by: BioSystems Analysis, Inc.

SANTA MARIA RIVER

KILOMETER 0.0-15.3



LEGEND

SMR = SANTA MARIA RIVER

MILES

0 10 20 30

N

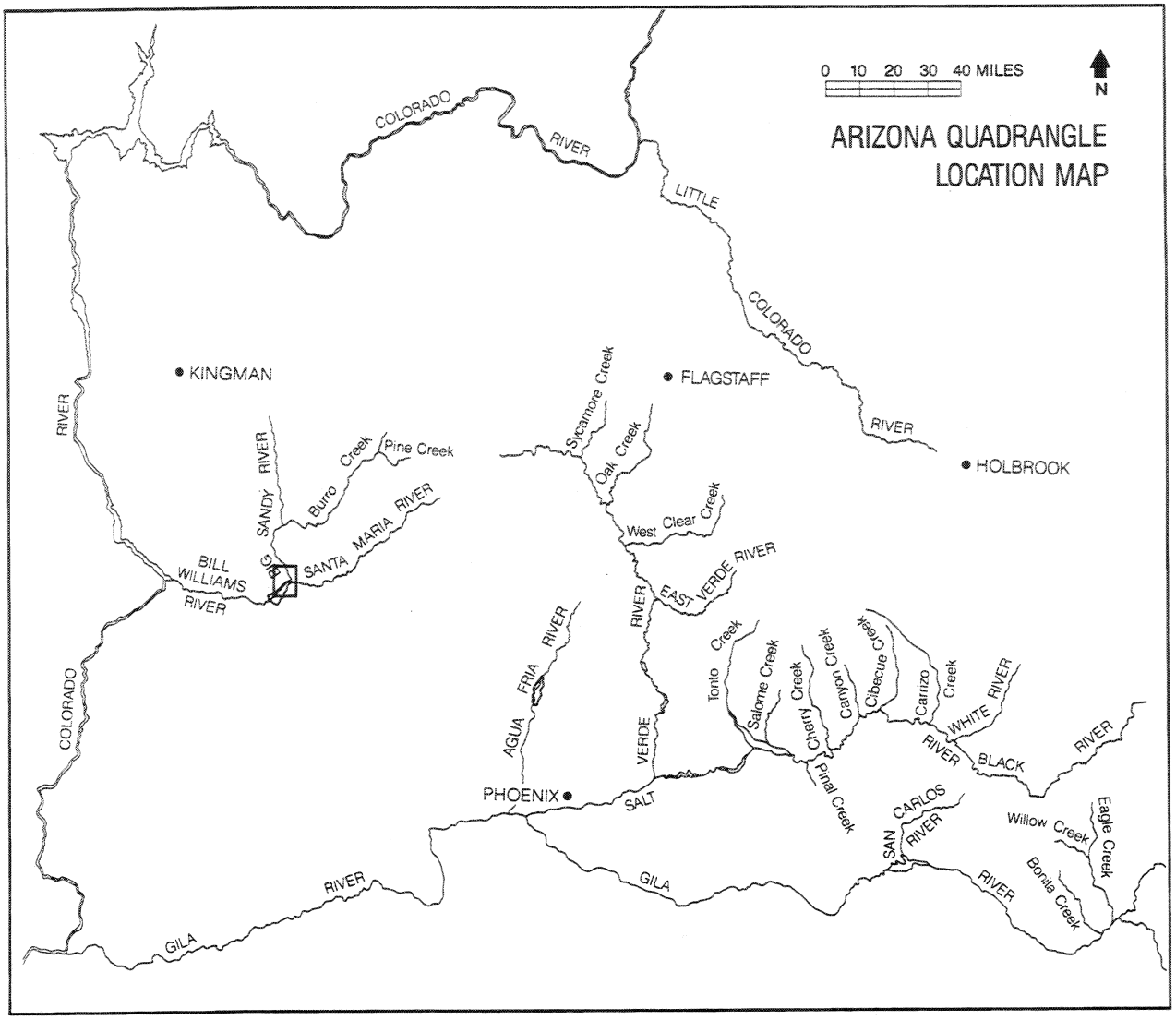
INDEX TO ARIZONA QUADRANGLES COVERING THE SANTA MARIA RIVER

3: Artillery Peak Quadrangle ; 15′ SE ¼; PLATE SMR 1, SMR 2
4: Palmerita Ranch Quadrangle; 7½′ ; PLATE SMR 2, SMR 3

ARIZONA BALD EAGLE PROJECT

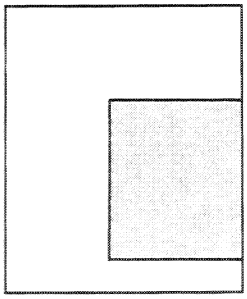
RIVER MAP ATLAS

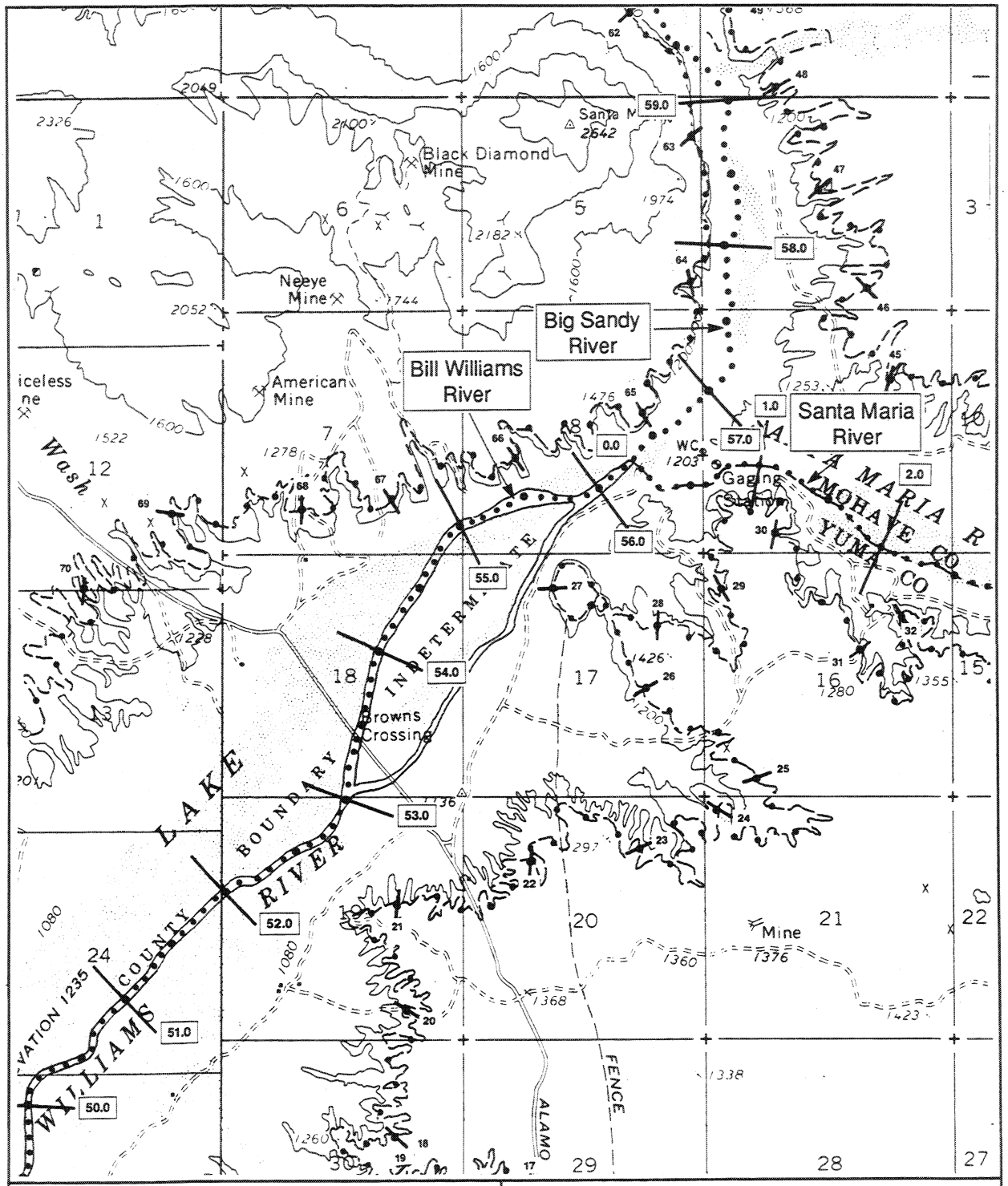
Prepared by: BioSystems Analysis, Inc.



PLATE; SMR 1

ARTILLERY PEAK QUAD
(15′ SE ¼)





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

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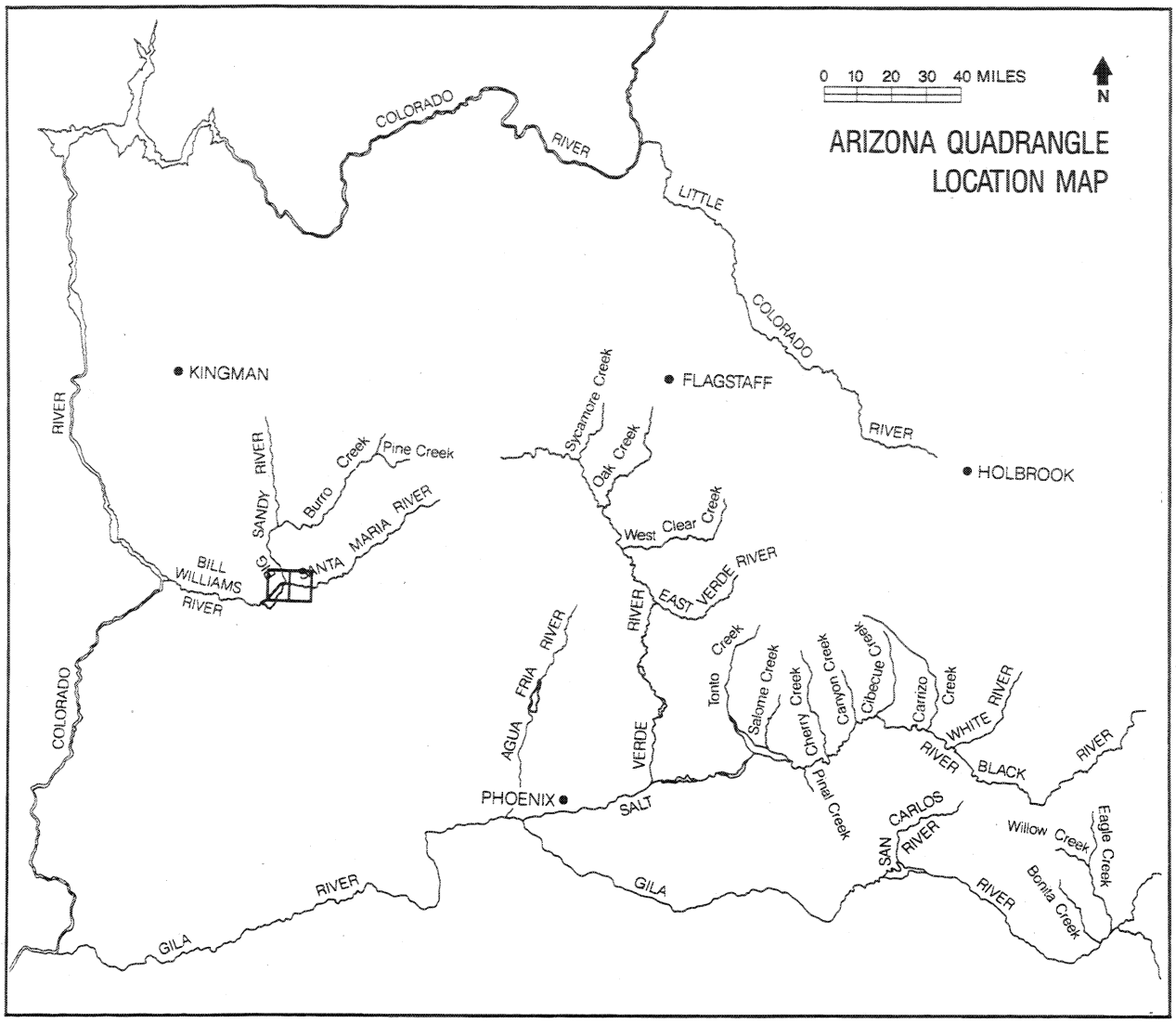
ARIZONA
BALD EAGLE PROJECT

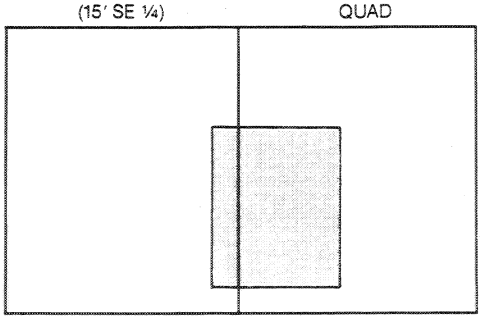
RIVER MAP ATLAS

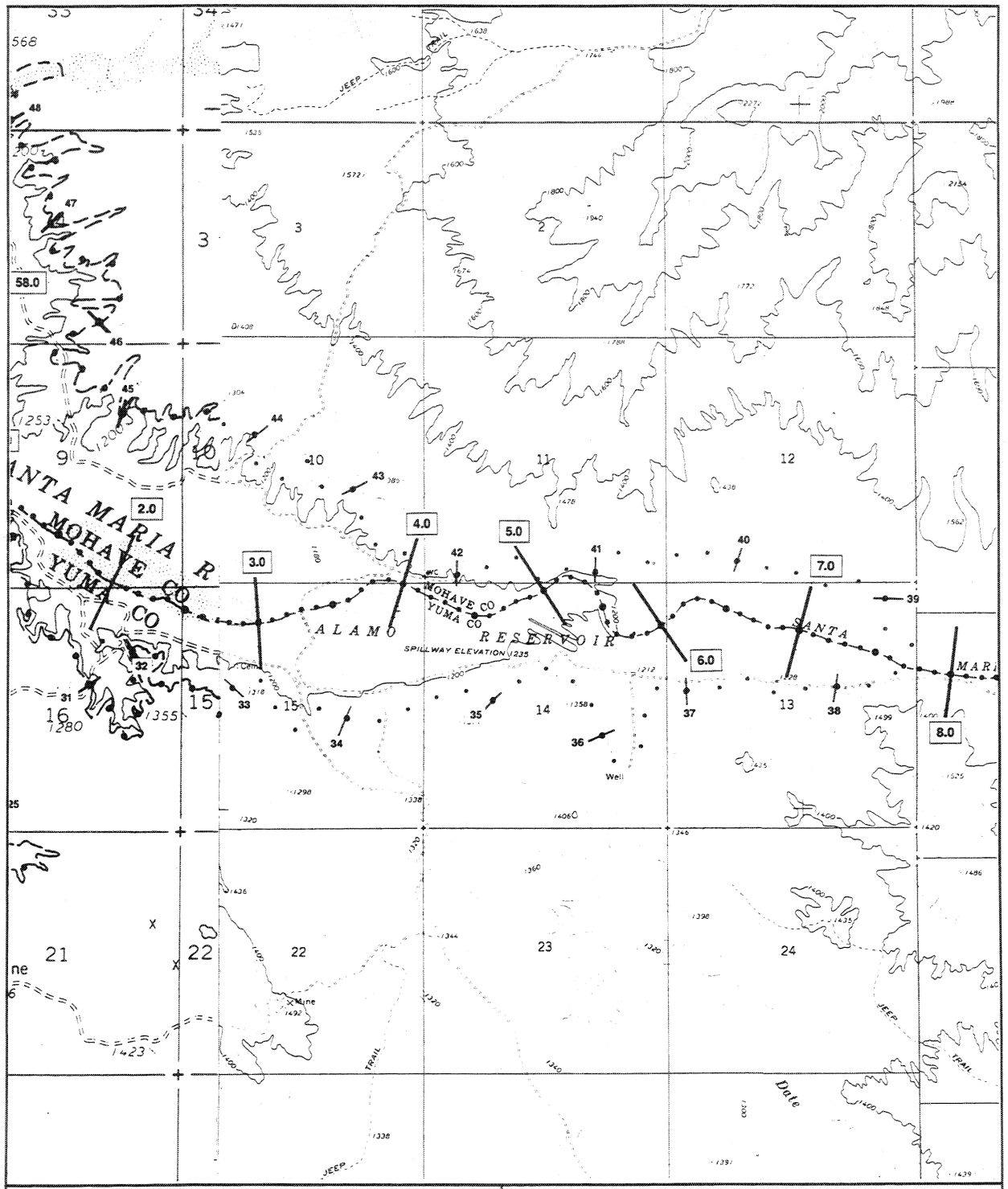
Santa Maria River
Plate; SMR 1

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
SANDY RIVER
Burro Creek
Pine Creek
SANTA MARIA RIVER
BILL WILLIAMS RIVER
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
VERDE RIVER
AGUA FRIA RIVER
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
SALT RIVER
GILA RIVER
COLORADO RIVER

PLATE; SMR 2


ARTILLERY PEAK QUAD
(15′ SE ¼)
PALMERITA RANCH
QUAD



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0 ½ 1 MILE

0 .5 1 KILOMETER

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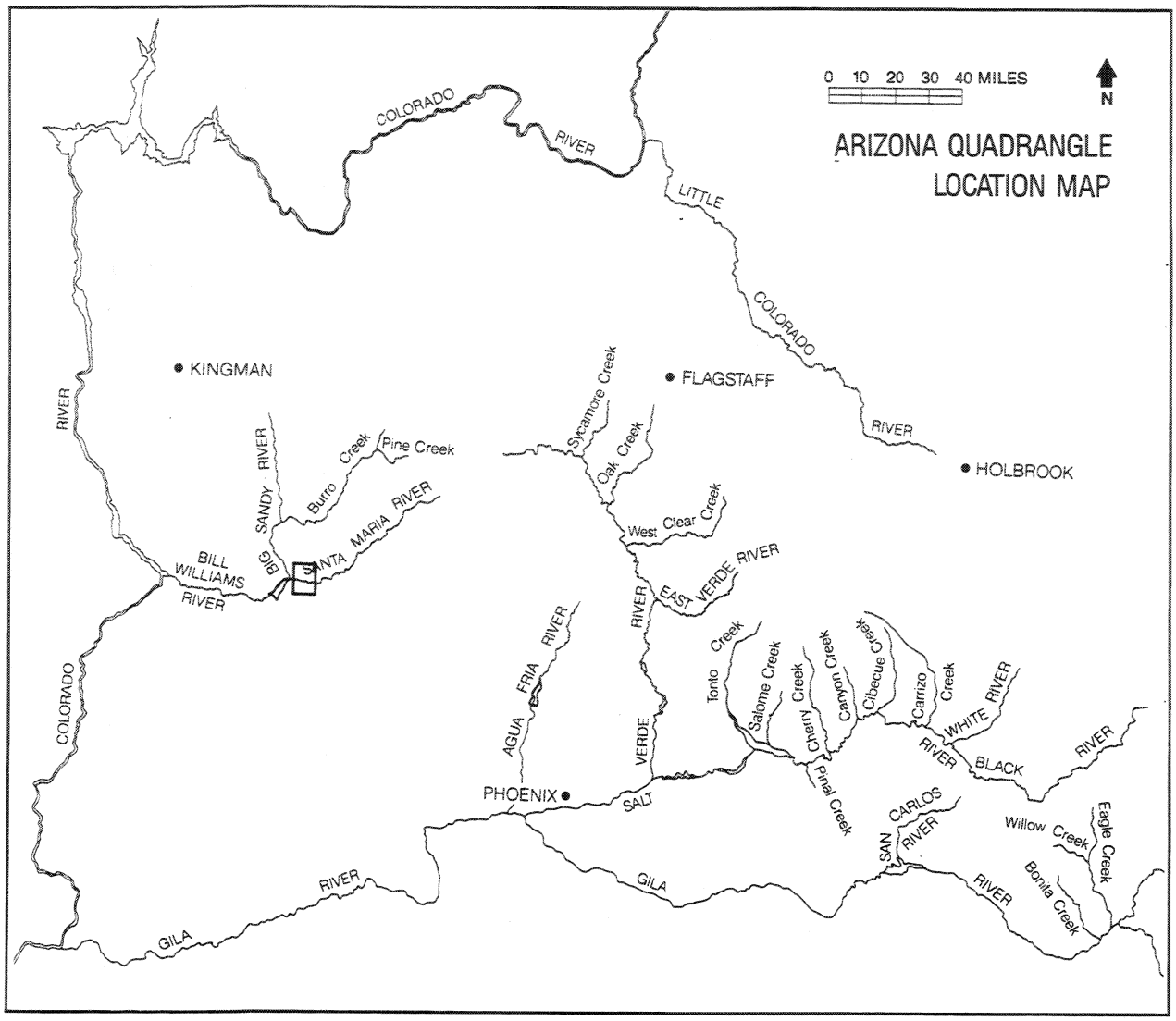
ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

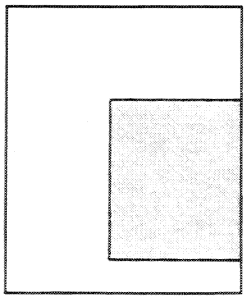
Santa Maria River
Plate; SMR 2

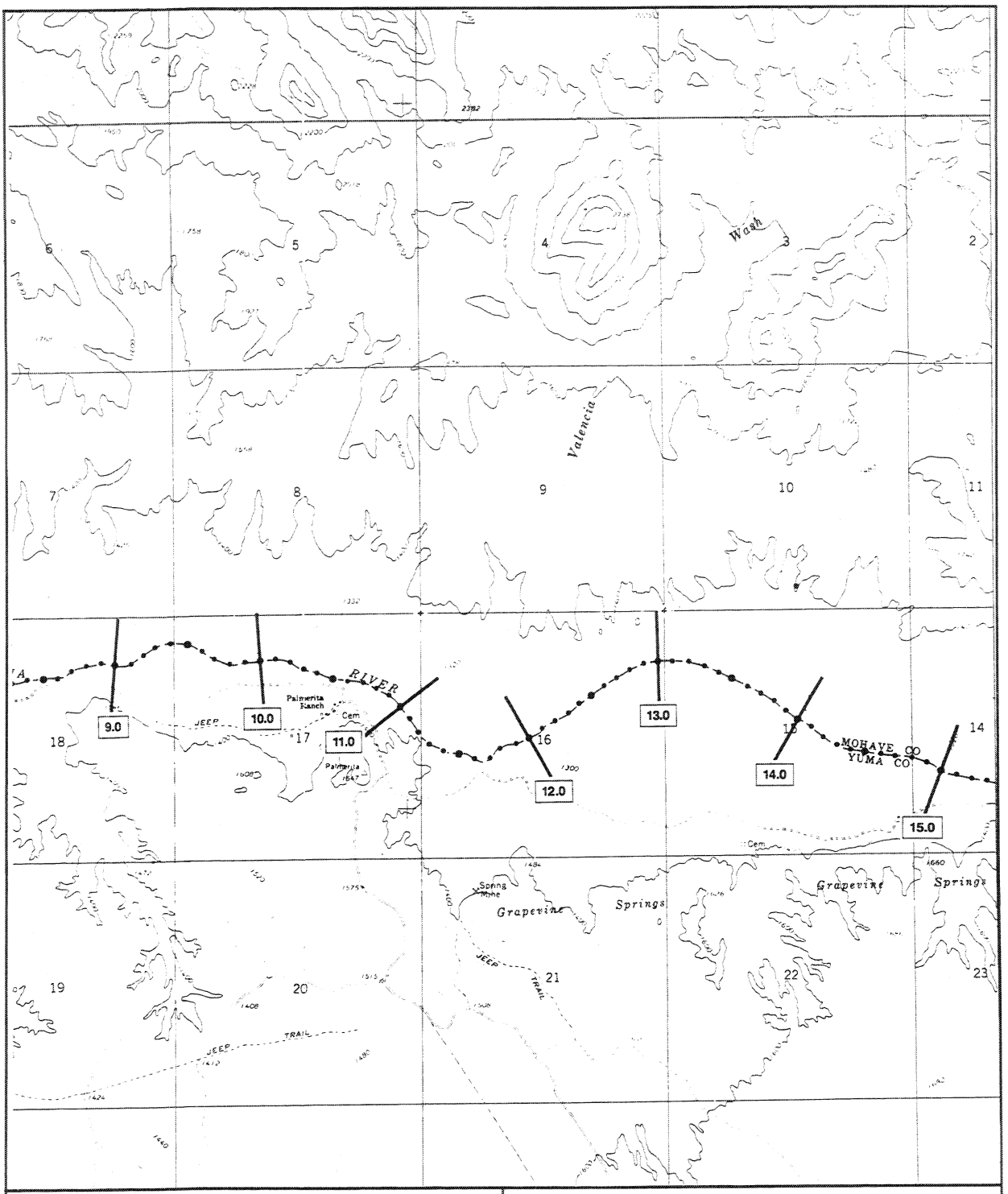
Prepared by: BioSystems Analysis, Inc.



PLATE; SMR 3

PALMERITA RANCH QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

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ARIZONA
BALD EAGLE PROJECT

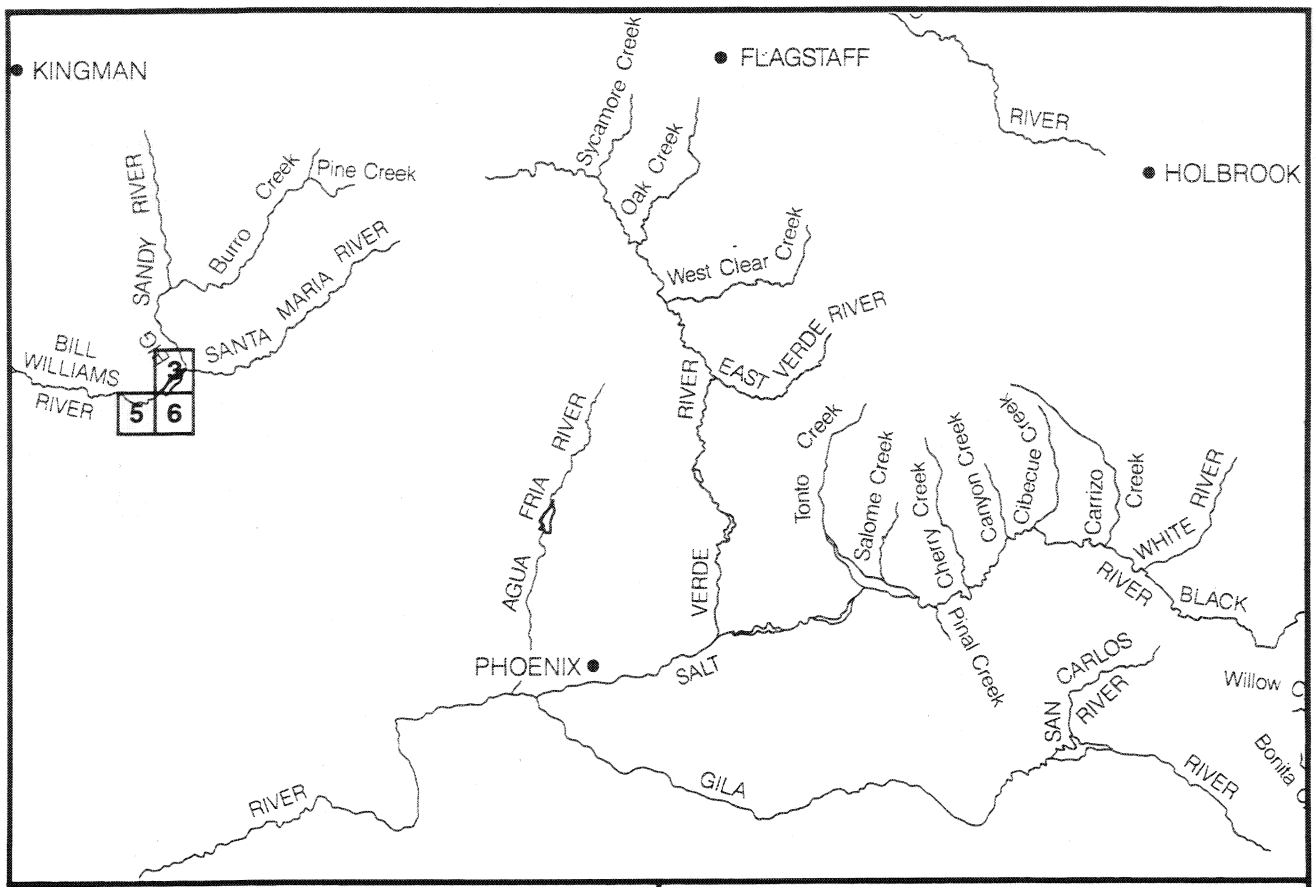
RIVER MAP ATLAS

Santa Maria River
Plate; SMR 3

Prepared by: BioSystems Analysis, Inc.

BILL WILLIAMS RIVER

KILOMETER 33.0-56.2



LEGEND

BWR = BILL WILLIAMS RIVER

MILES

0 10 20 30

N

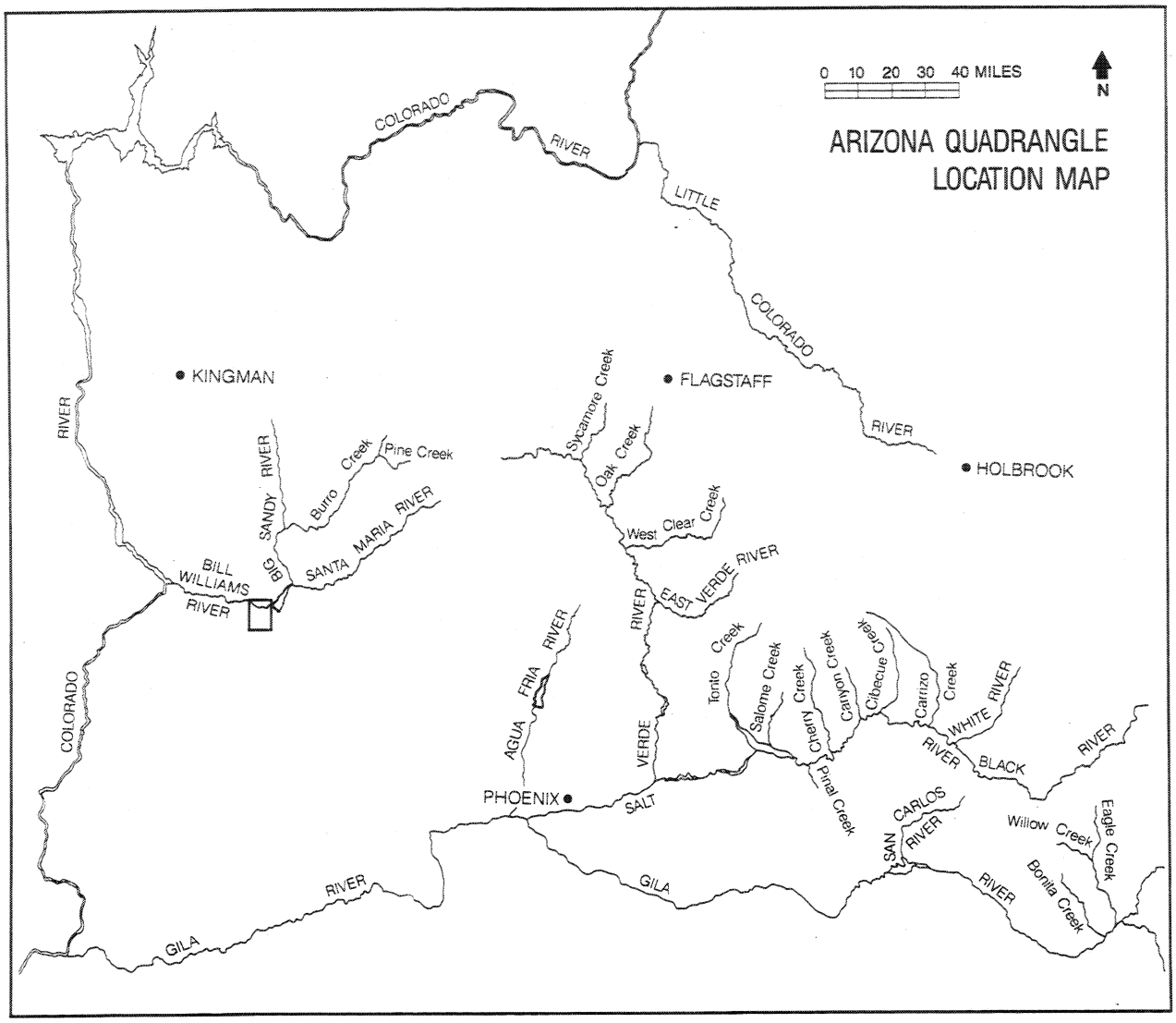
INDEX TO ARIZONA QUADRANGLES COVERING THE BILL WILLIAMS RIVER

5: Alamo Dam Quadrangle ; 15′ NW ¼; PLATE BWR 1, BWR 2
6: Alamo Dam Quadrangle ; 15′ NE ¼ ; PLATE BWR 2, BWR 3
3: Artillery Peak Quadrangle; 15′ SE ¼ ; PLATE BWR 3, BWR 4

ARIZONA BALD EAGLE PROJECT

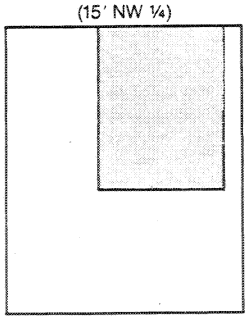
RIVER MAP ATLAS

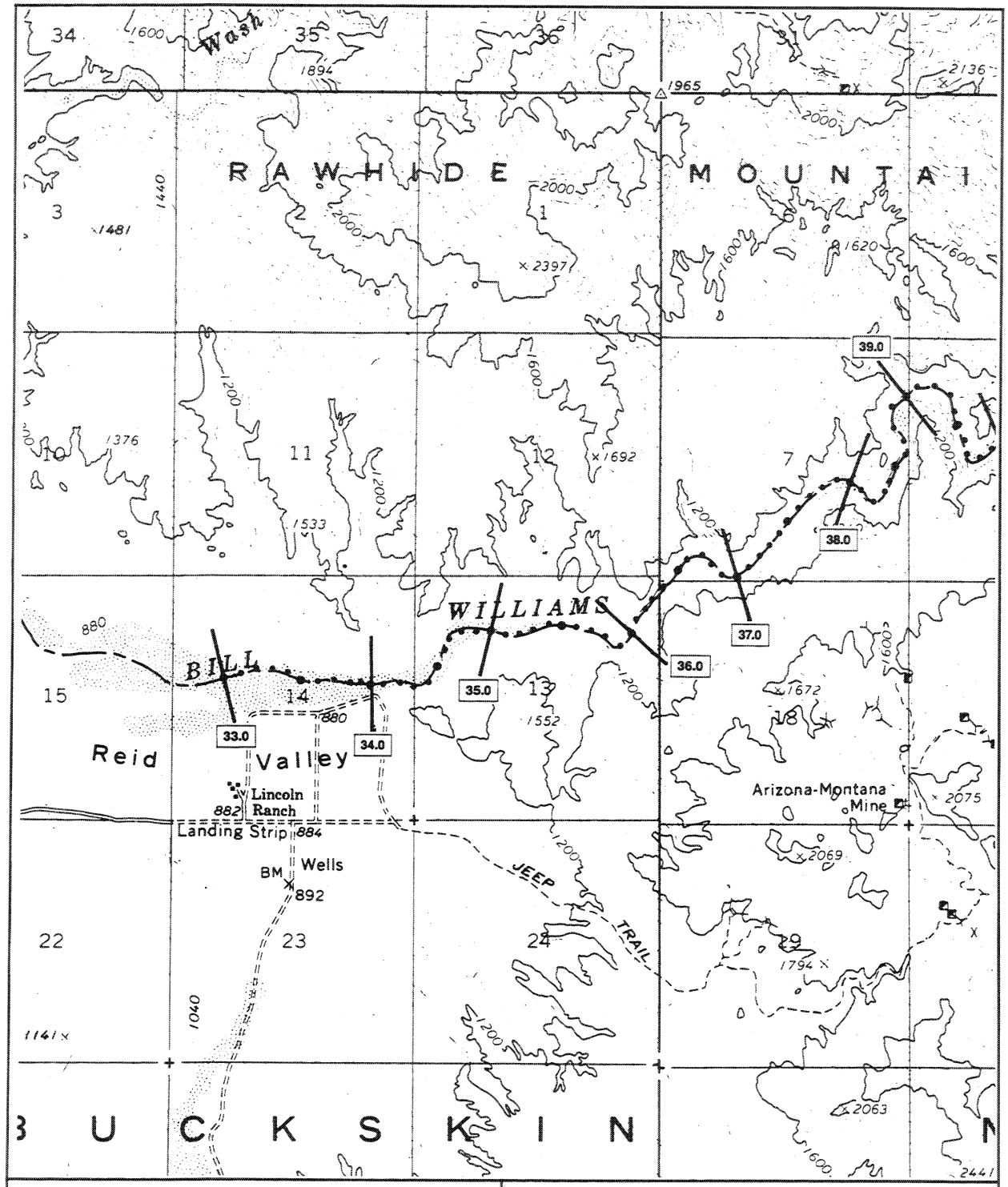
Prepared by: BioSystems Analysis, Inc.



PLATE; BWR 1

ALAMO DAM QUAD
(15′ NW ¼)





0.1 KILOMETER
0.5 KILOMETER
1.0 KILOMETER

0 ½ 1 MILE
0 .5 1 KILOMETER

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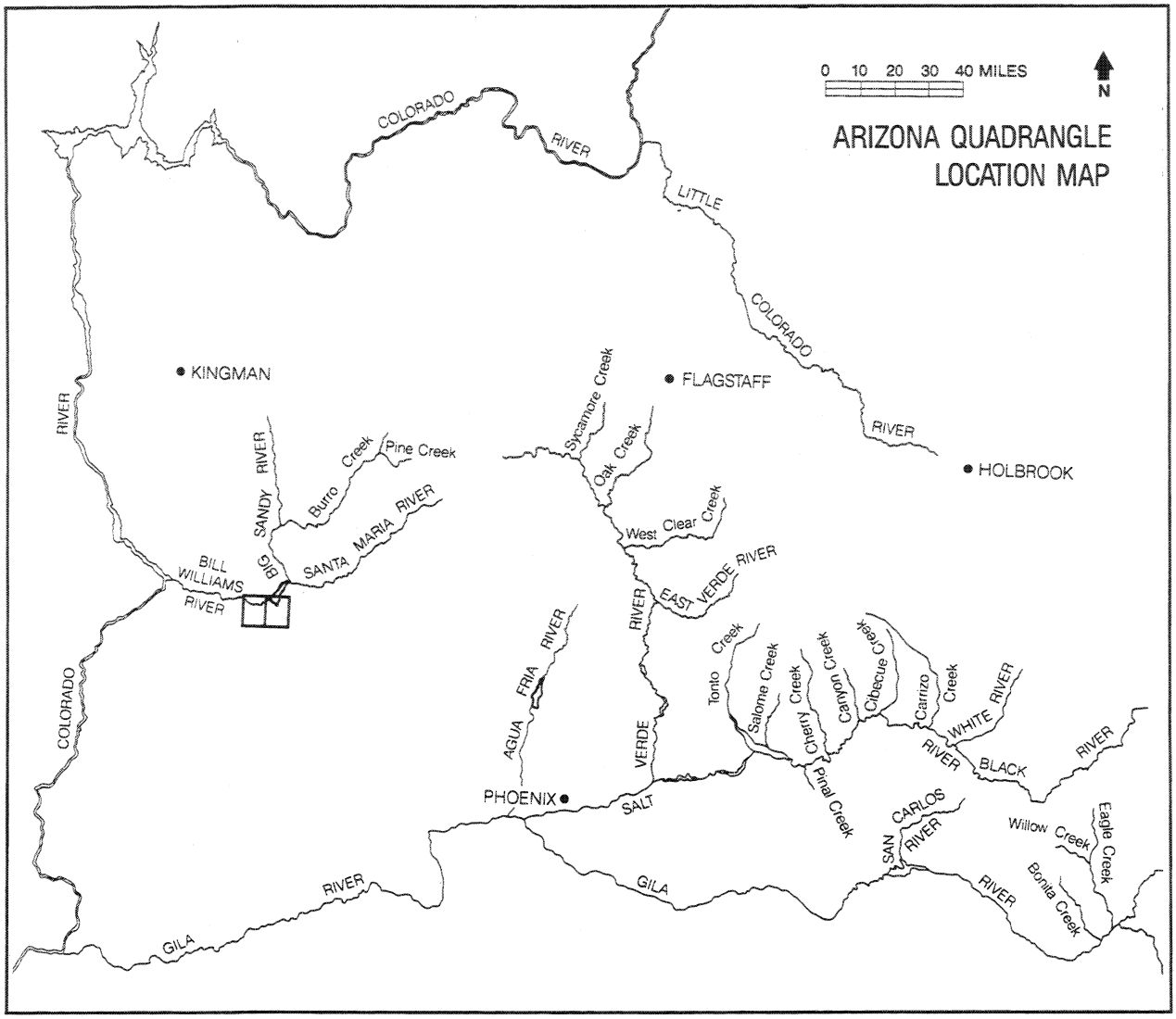
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

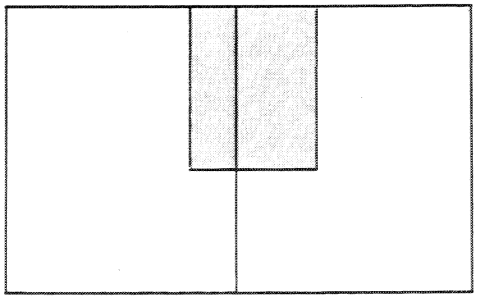
Bill Williams River
Plate; BWR 1

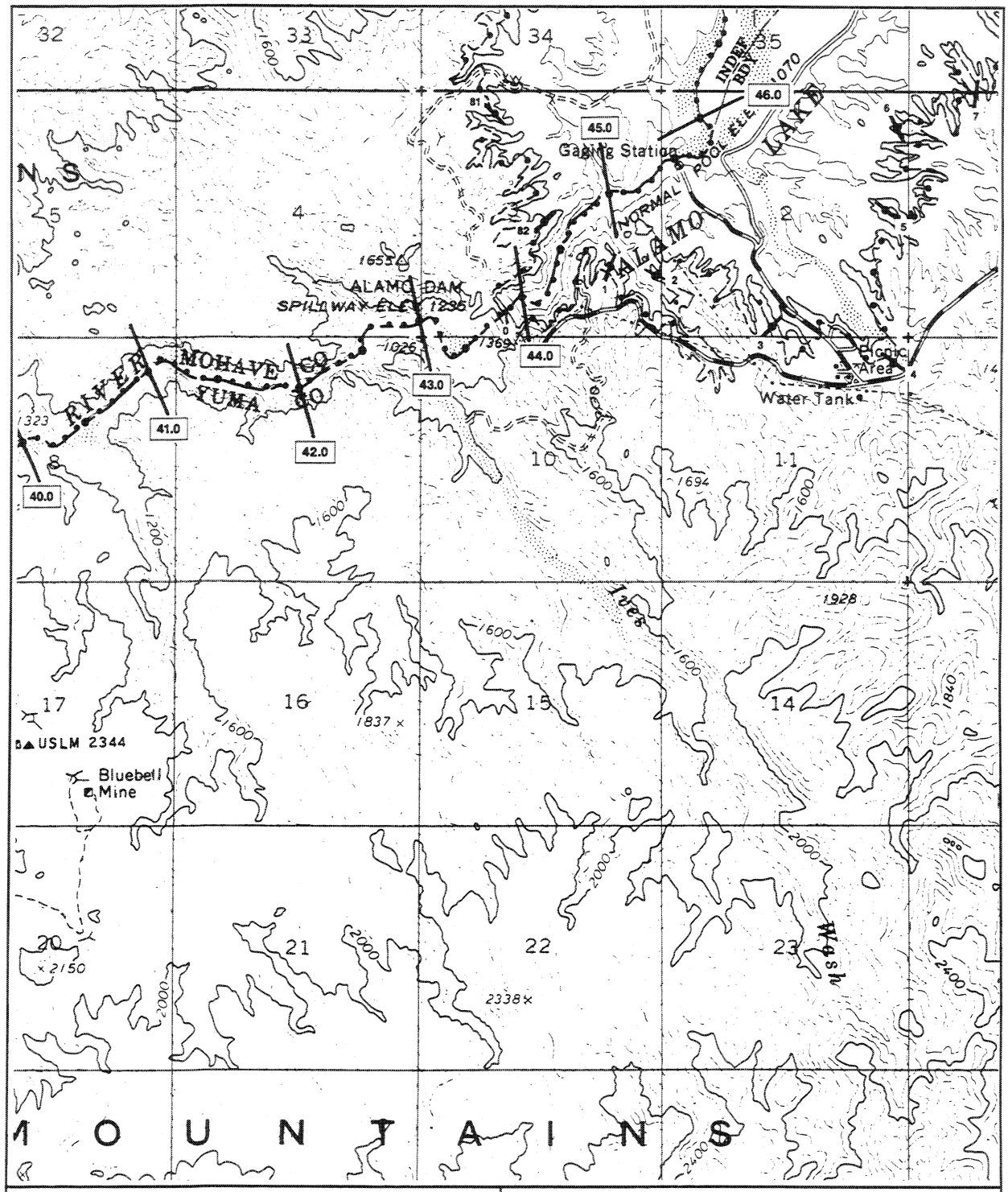
Prepared by: BioSystems Analysis, Inc.



PLATE; BWR 2

ALAMO DAM QUAD (15' NE/NW ¼)





0.1 KILOMETER
0.5 KILOMETER
1.0 KILOMETER

0 ½ 1 MILE
0 .5 1 KILOMETER

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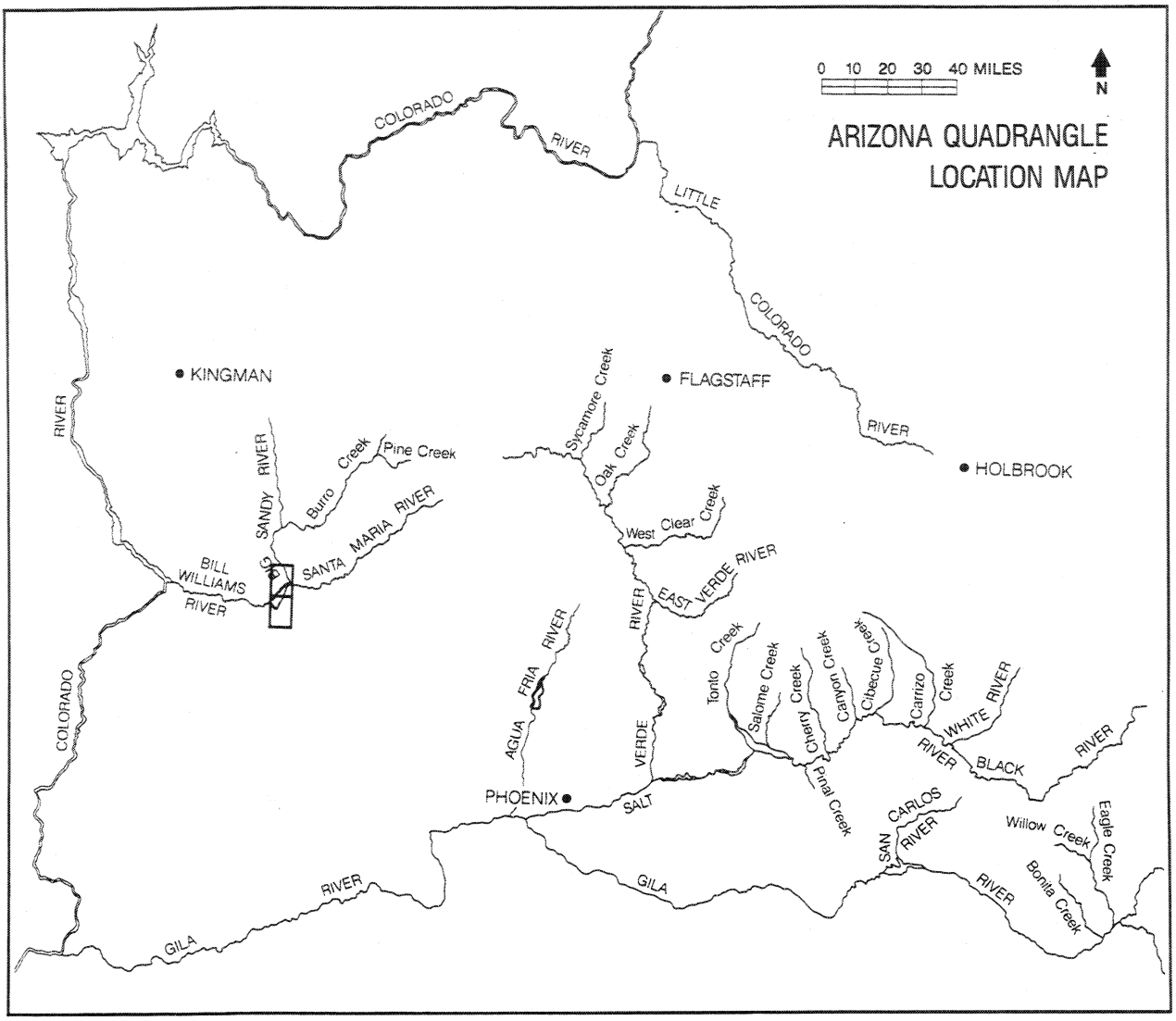
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

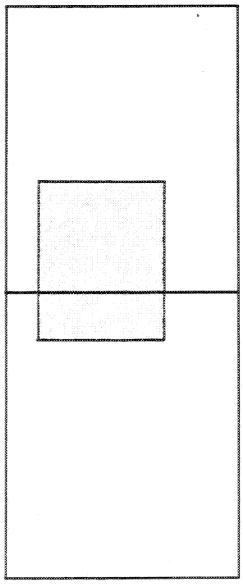
Bill Williams River
Plate; BWR 2

Prepared by: BioSystems Analysis, Inc.

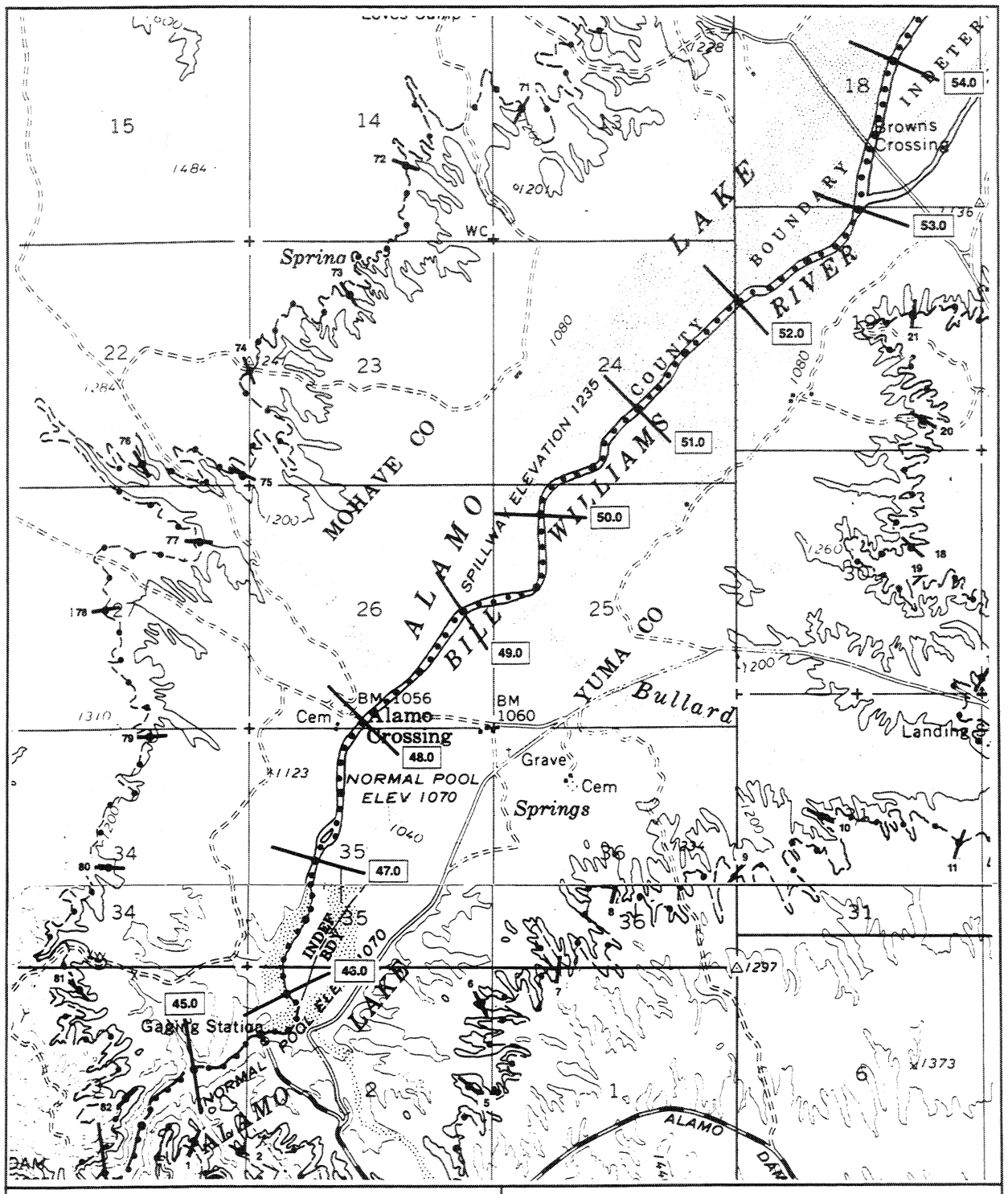


PLATE; BWR 3

ARTILLERY PEAK QUAD
(15′ SE ¼)



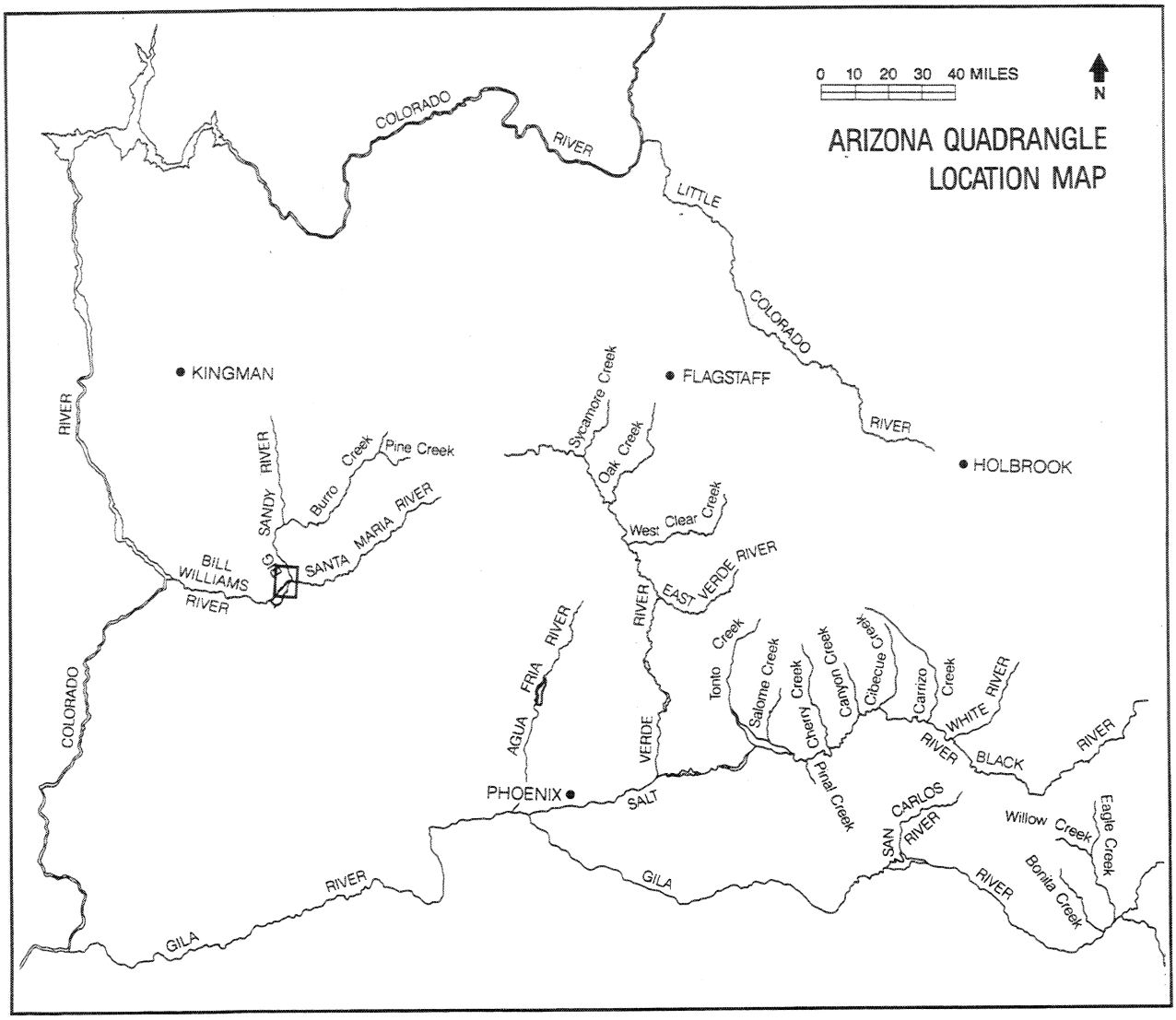
ALAMO DAM QUAD
(15′ NE ¼)



ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

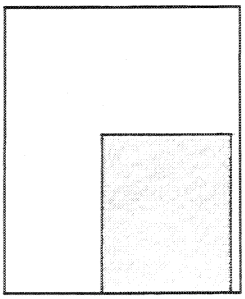
Bill Williams River
Plate; BWR 3

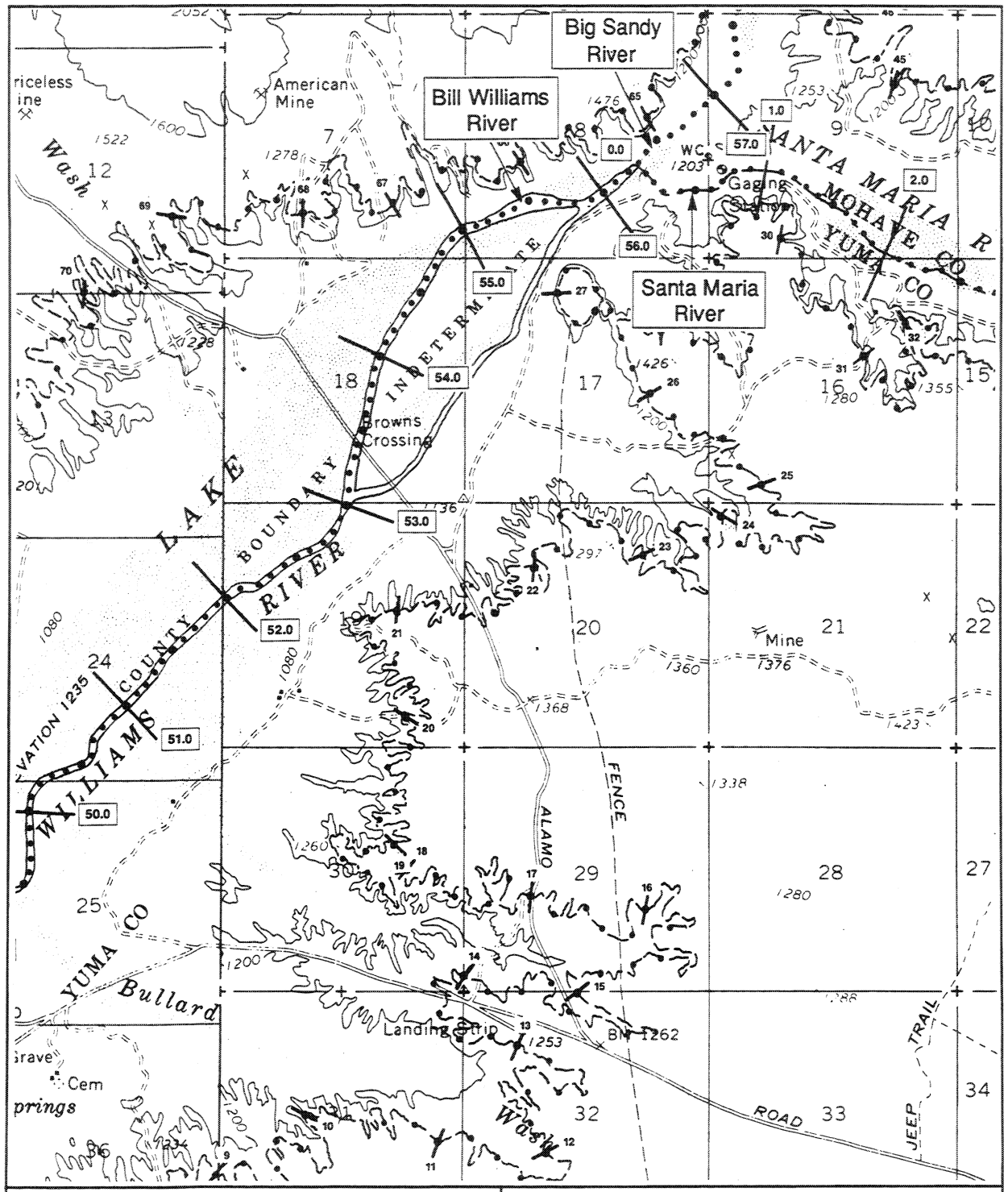
Prepared by: BioSystems Analysis, Inc.



PLATE; BWR 4

ARTILLERY PEAK QUAD
(15′ SE ¼)





0.1 KILOMETER
0.5 KILOMETER
1.0 KILOMETER

0 ½ 1 MILE
0 .5 1 KILOMETER

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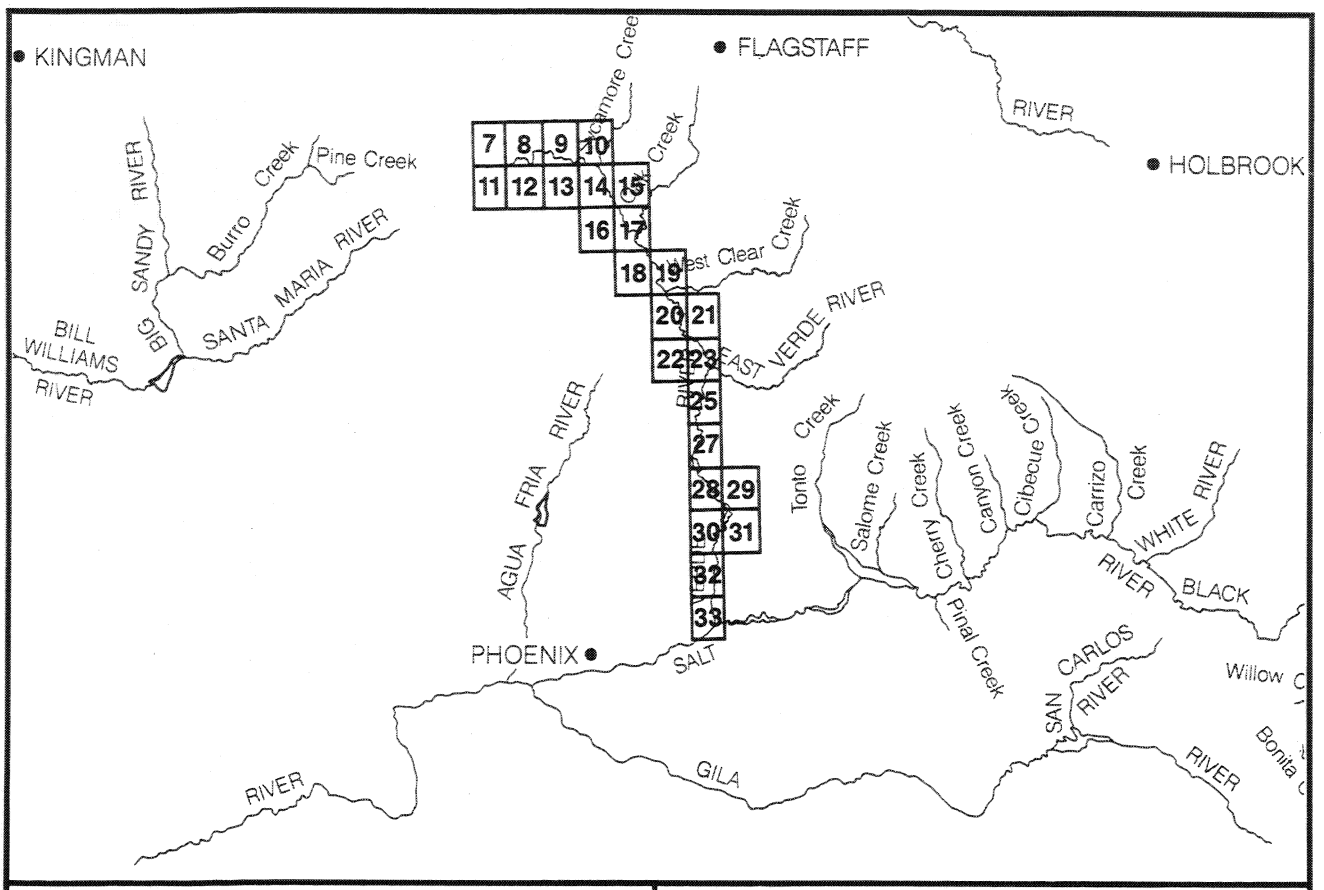
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

Bill Williams River
Plate; BWR 4

Prepared by: BioSystems Analysis, Inc.

VERDE RIVER

KILOMETER 0.0-316.0



LEGEND

VR = VERDE RIVER

MILES

0 10 20 30

N

INDEX TO ARIZONA QUADRANGLES COVERING THE VERDE RIVER

33:	Granite Reef Dam Quadrangle	7½′	PLATE VR 1, VR 2
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30:	Bartlett Dam Quadrangle	7½′	PLATE VR 3, VR 4, VR 5
31:	Maverick Mtn. Quadrangle	7½′	PLATE VR 4, VR 5
28:	Horseshoe Dam Quadrangle	7½′	PLATE VR 5, VR 6, VR 7
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27:	Chalk Mtn. Quadrangle	7½′	PLATE VR 7, VR 8, VR 9
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18:	Middle Verde Quadrangle	7½′	PLATE VR 17
17:	Cornville Quadrangle	7½′	PLATE VR 17, VR 18, VR 19
15:	Page Springs Quadrangle	7½′	PLATE VR 19
14:	Clarkdale Quadrangle	7½′	PLATE VR 20, VR 21, VR 22
16:	Cottonwood Quadrangle	7½′	PLATE VR 20
10:	Sycamore Basin Quadrangle	7½′	PLATE VR 21
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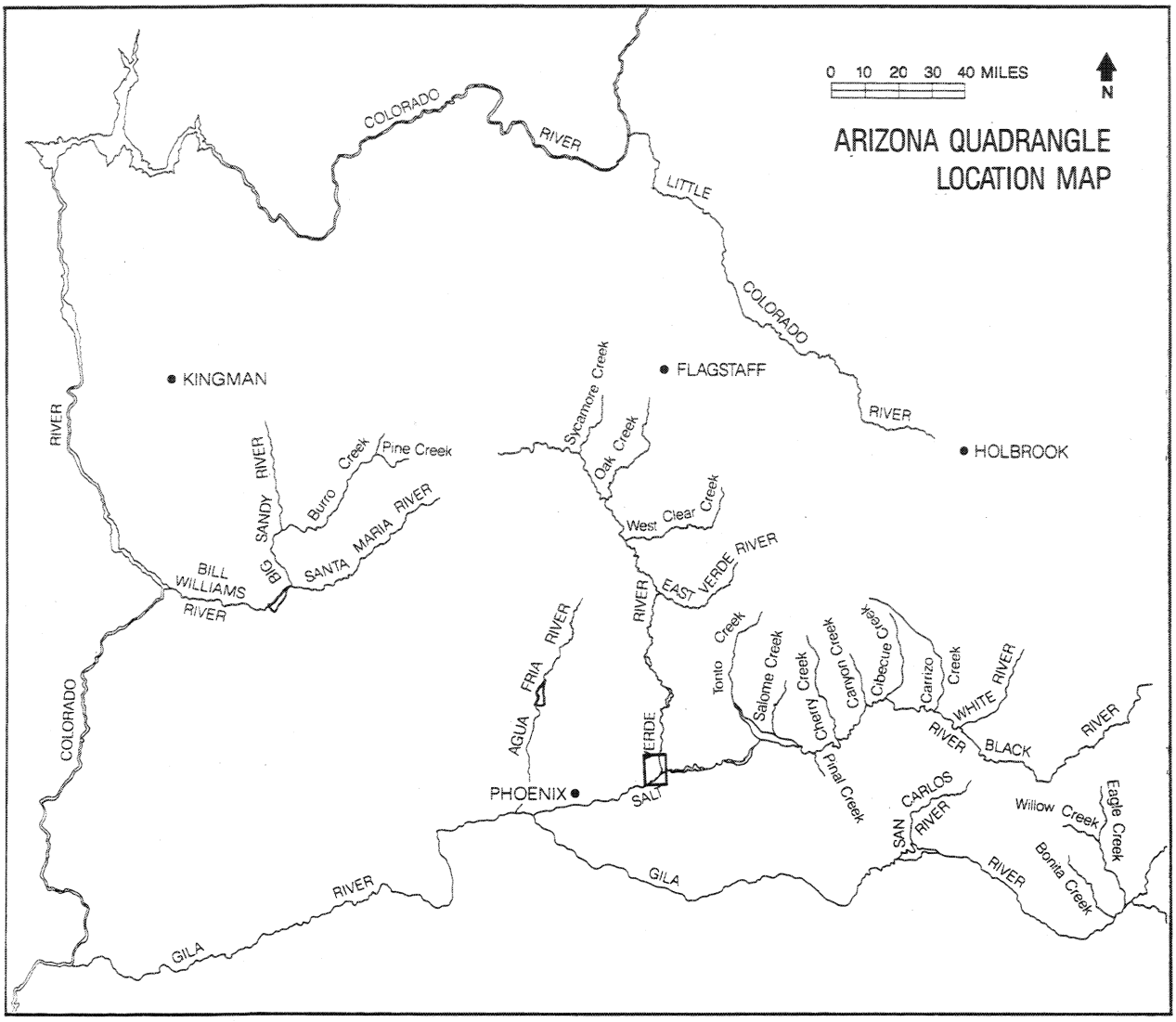
8:	Hell Point Quadrangle	7½′	PLATE VR 24, VR 25, VR 26
12:	King Canyon Quadrangle	7½′	PLATE VR 25
7:	Paulden Quadrangle	7½′	PLATE VR 26
11:	Chino Valley North Quadrangle	7½′	PLATE VR 27, VR 28

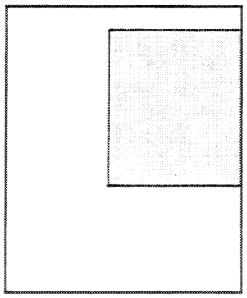
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

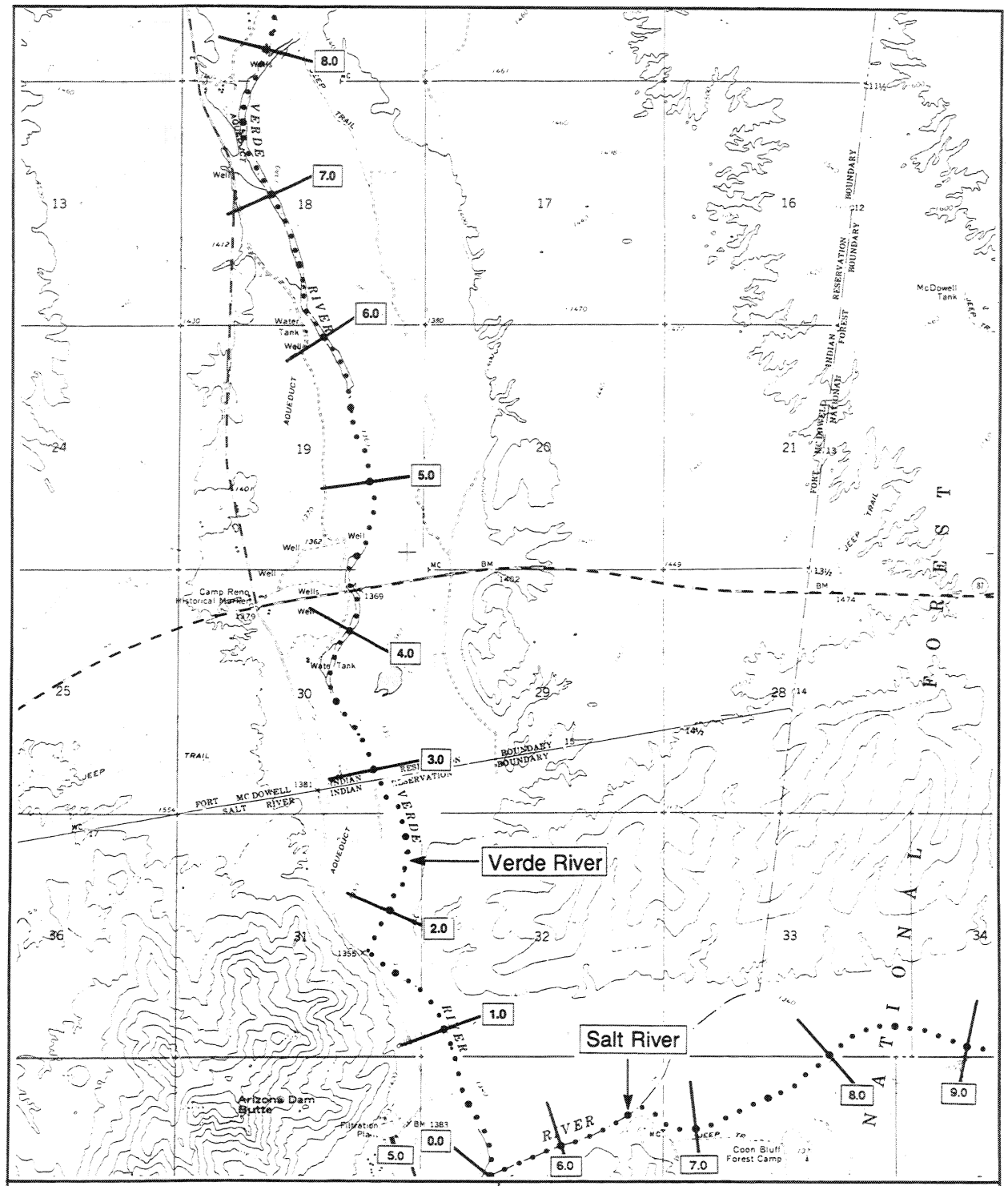
Prepared by: BioSystems Analysis, Inc.



PLATE; VR 1

GRANITE REEF DAM QUAD





0.1 KILOMETER
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1.0 KILOMETER

0 ½ 1 MILE
0 .5 1 KILOMETER

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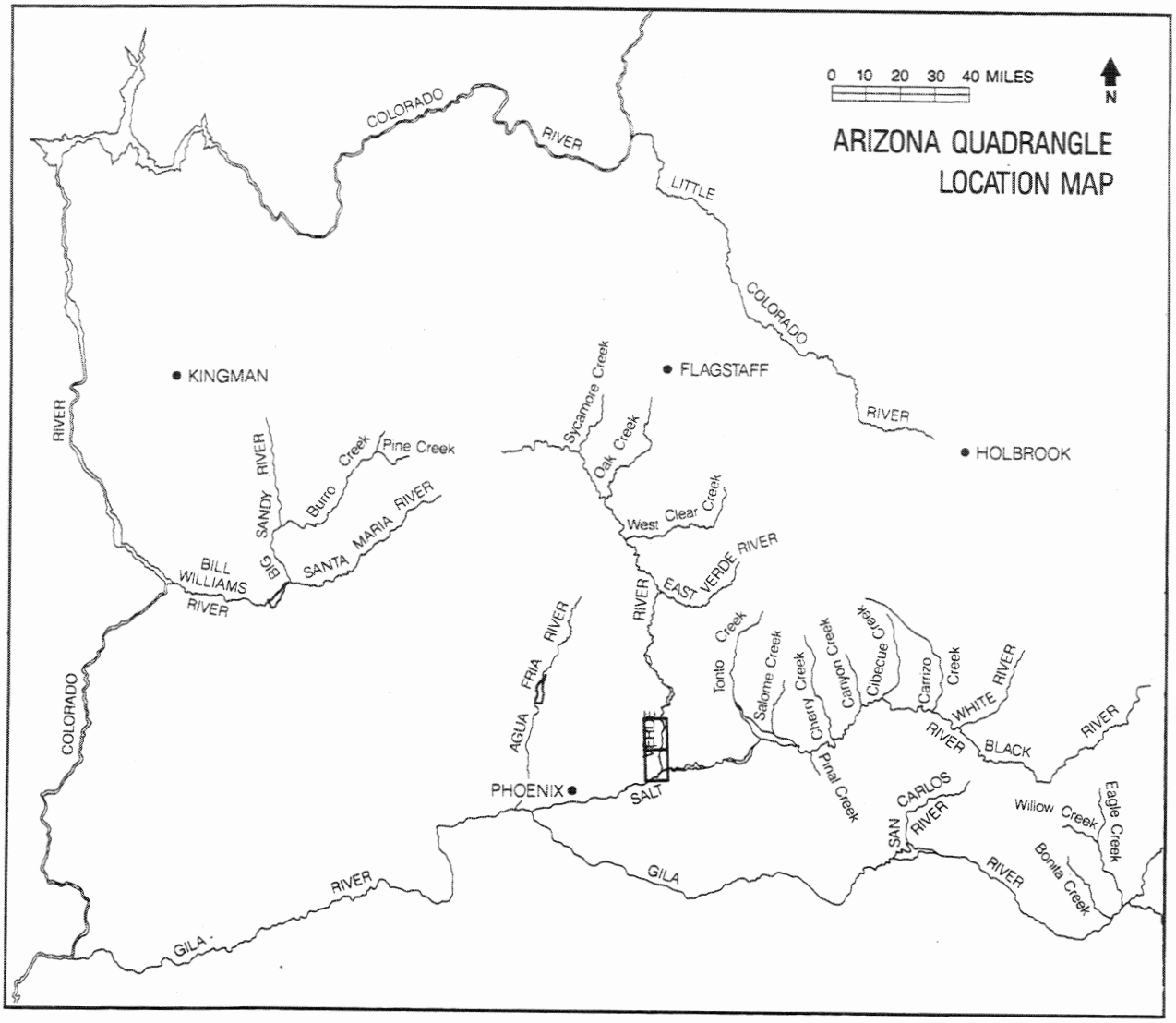
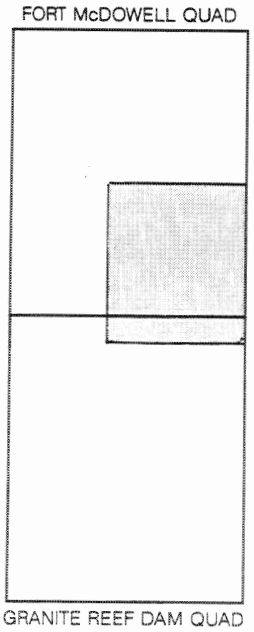
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

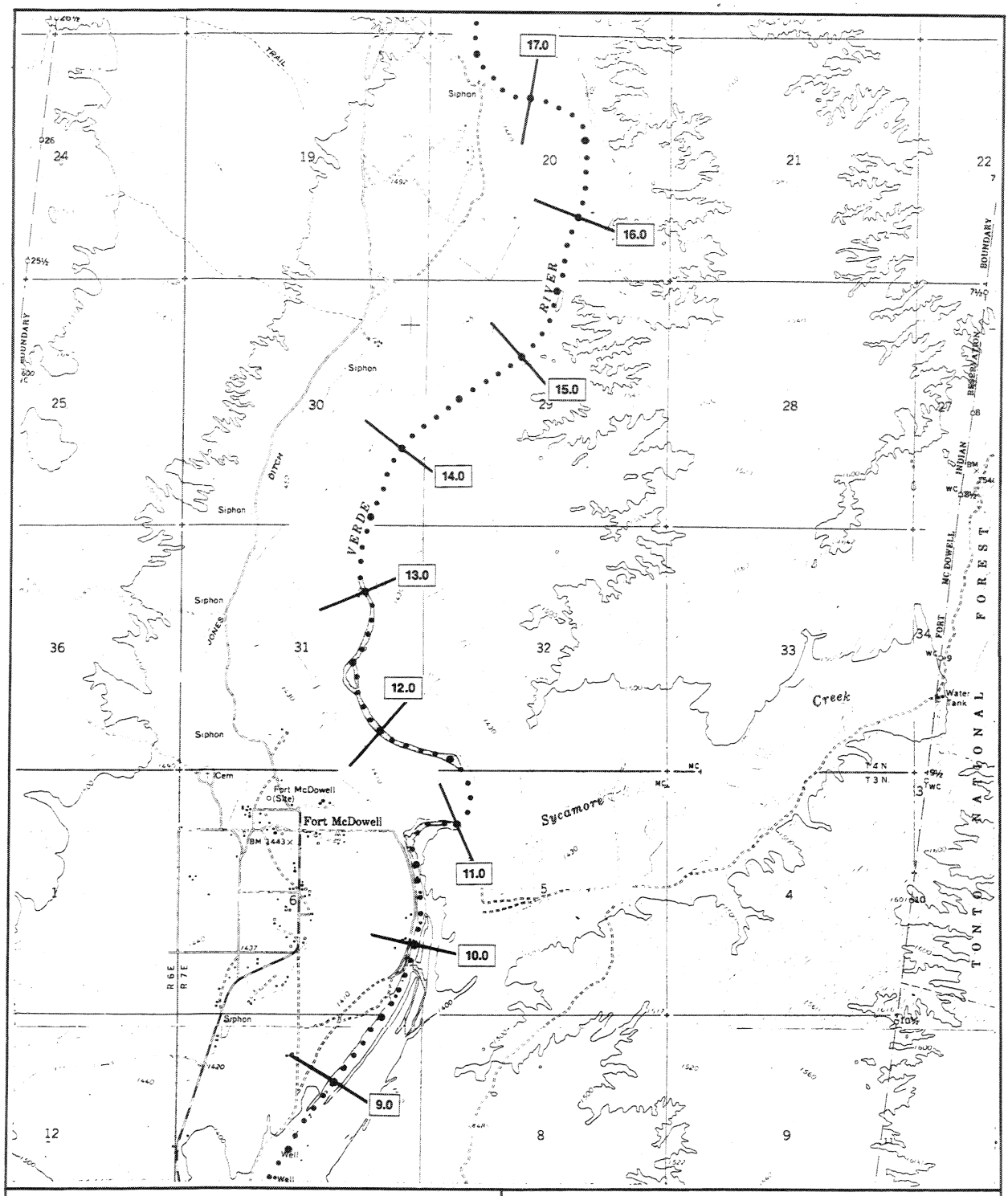
Verde River
Plate; VR 1

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO
RIVER
LITTLE
COLORADO
RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
RIVER
Sycamore Creek
Oak Creek
Pine Creek
Burro Creek
SANDY RIVER
SANTA MARIA RIVER
West Clear Creek
BIG
BILL WILLIAMS RIVER
EAST VERDE RIVER
RIVER
FRIA RIVER
AGUA
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
PHOENIX
SALT
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
GILA
RIVER
GILA
RIVER
COLORADO

PLATE; VR 2


FORT McDOWELL QUAD
GRANITE REEF DAM QUAD



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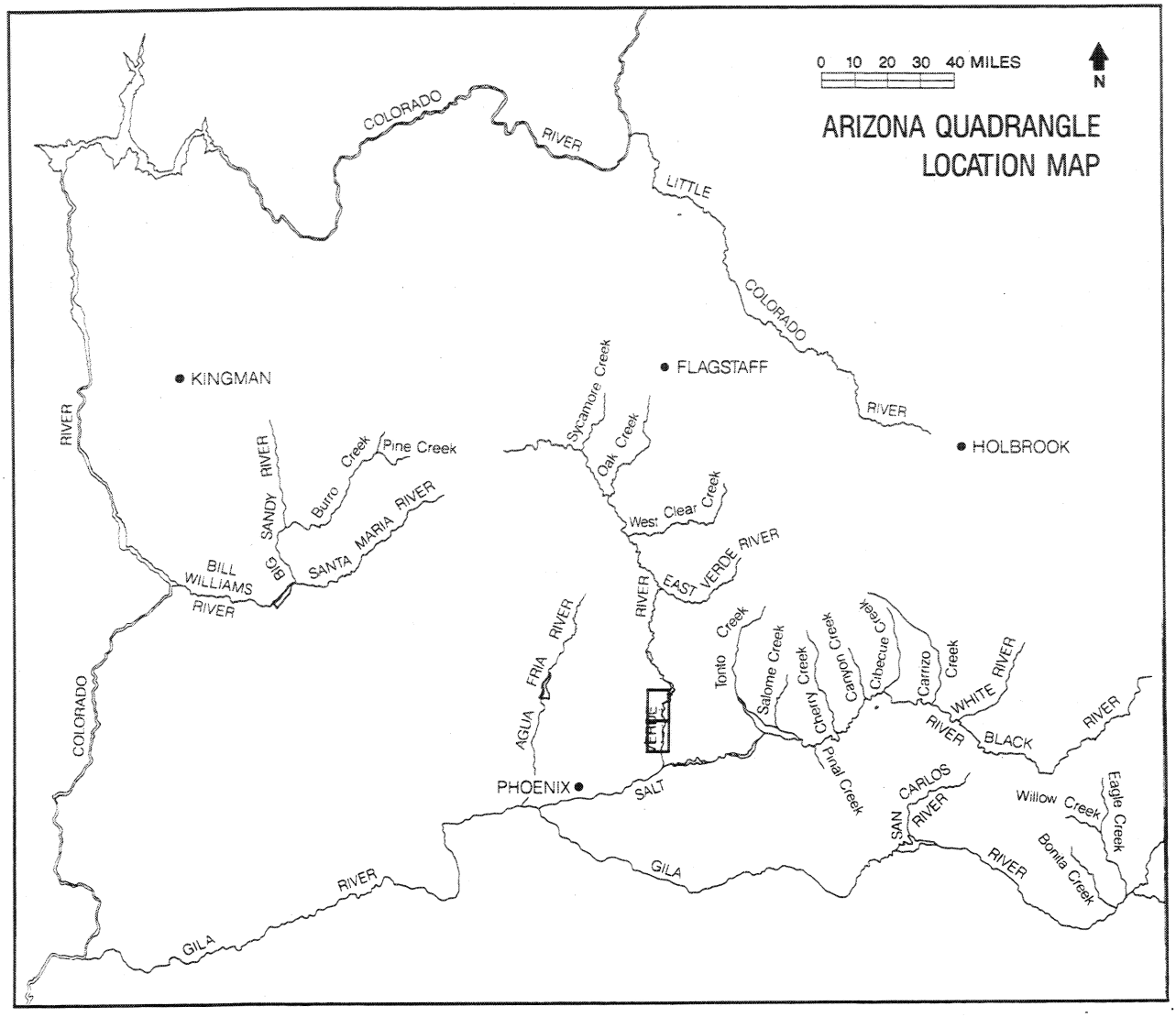
ARIZONA BALD EAGLE PROJECT

RIVER MAP ATLAS

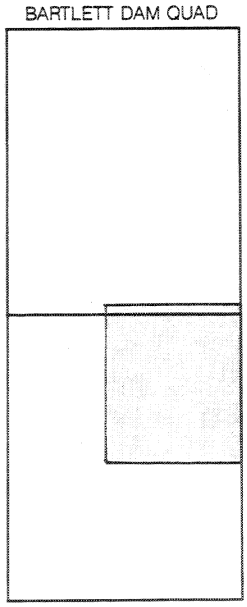
Verde River

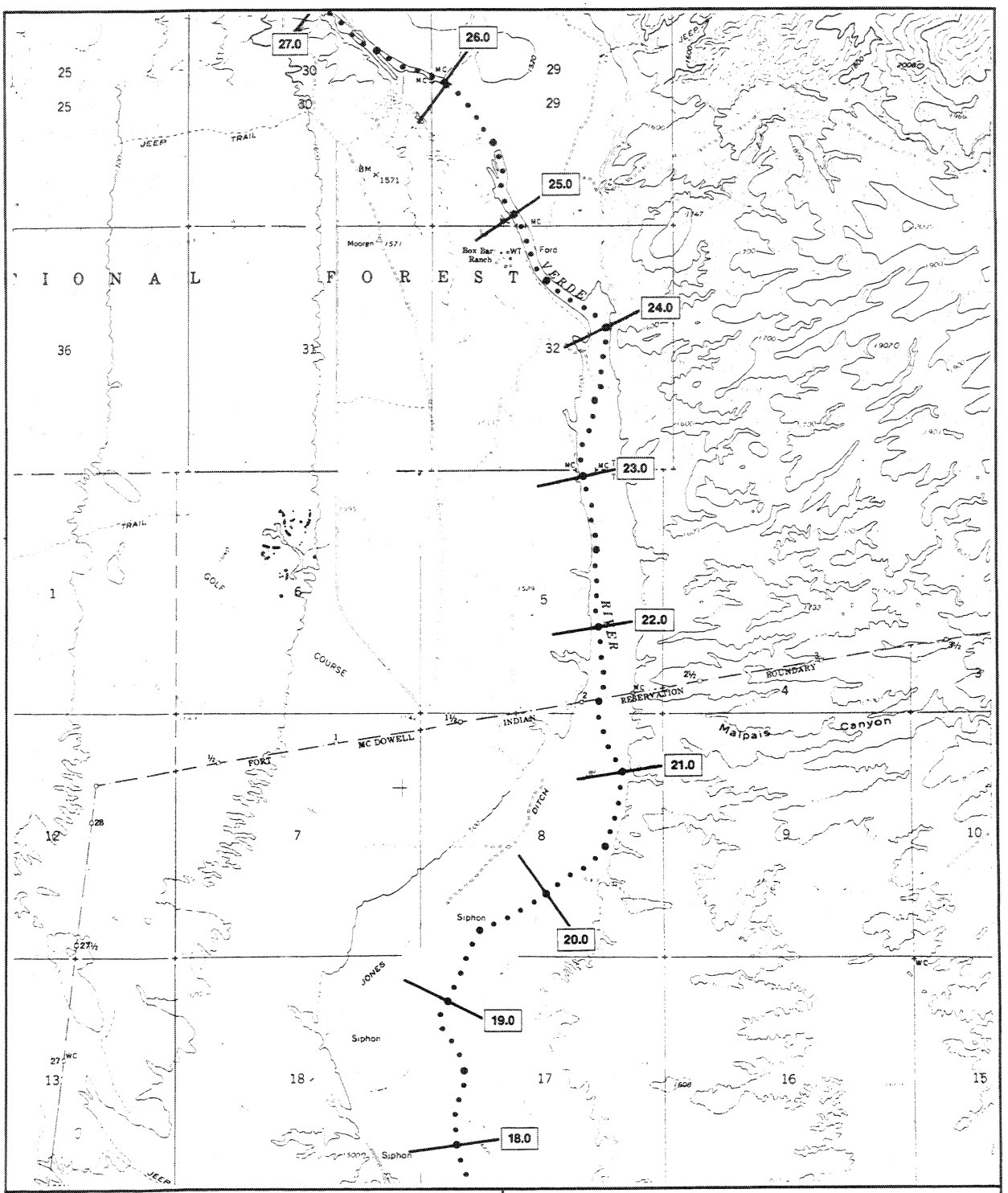
Plate; VR 2

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
RIVER
SANDY RIVER
Burro Creek
Pine Creek
SANTA MARIA RIVER
BIG
BILL WILLIAMS RIVER
COLORADO
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
RIVER
AGUA FRIA RIVER
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Cr
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
SALT
GILA RIVER
GILA

PLATE; VR 3


BARTLETT DAM QUAD
FORT McDOWELL QUAD



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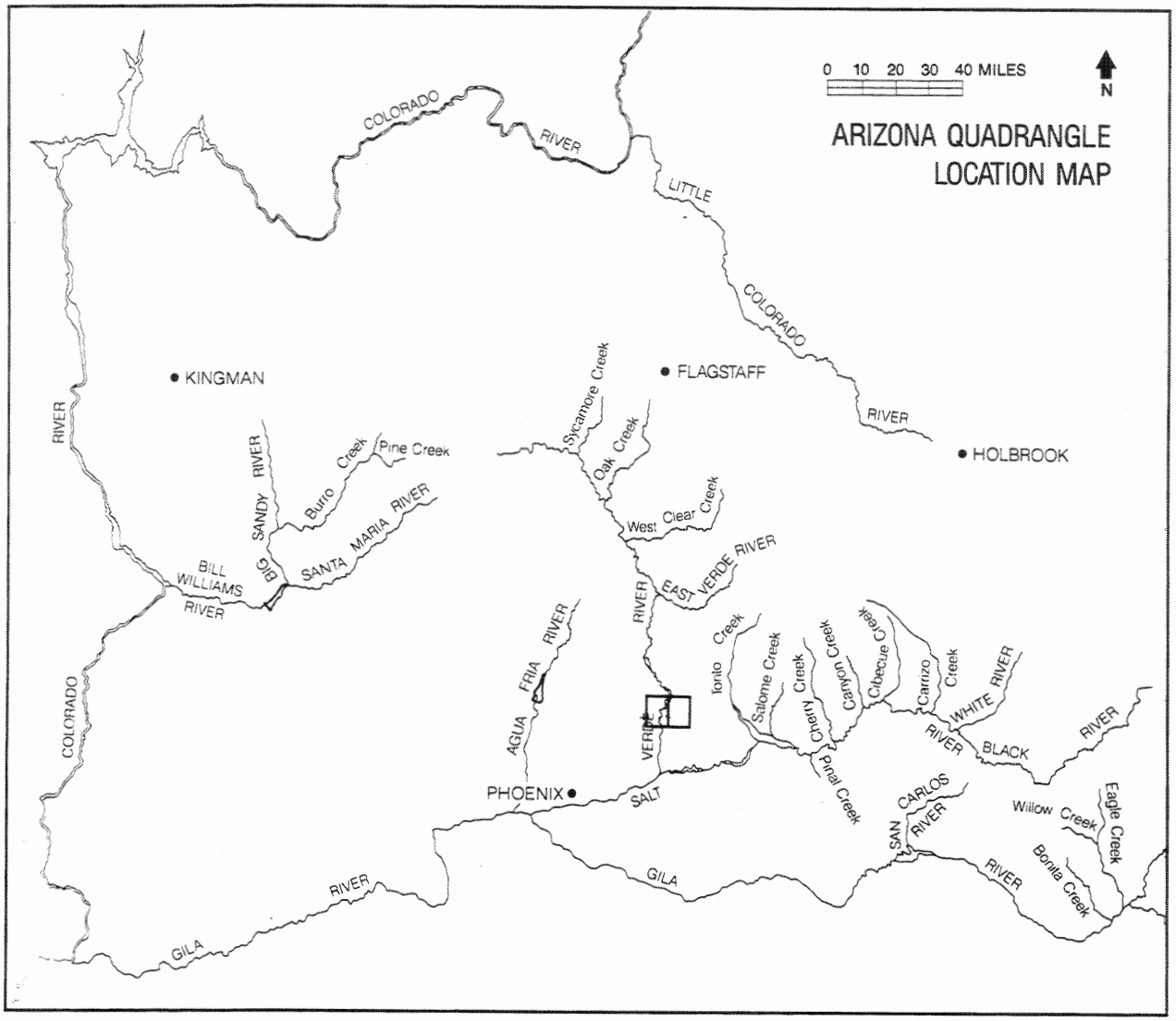
ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

Verde River
Plate; VR 3

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
COLORADO RIVER
BILL WILLIAMS RIVER
BIG SANDY RIVER
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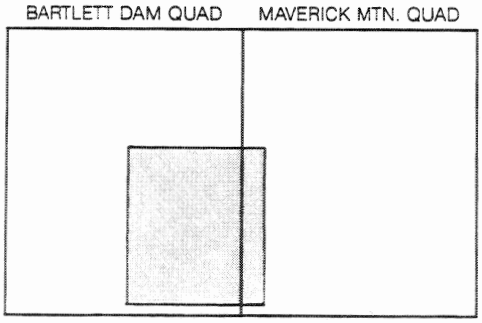
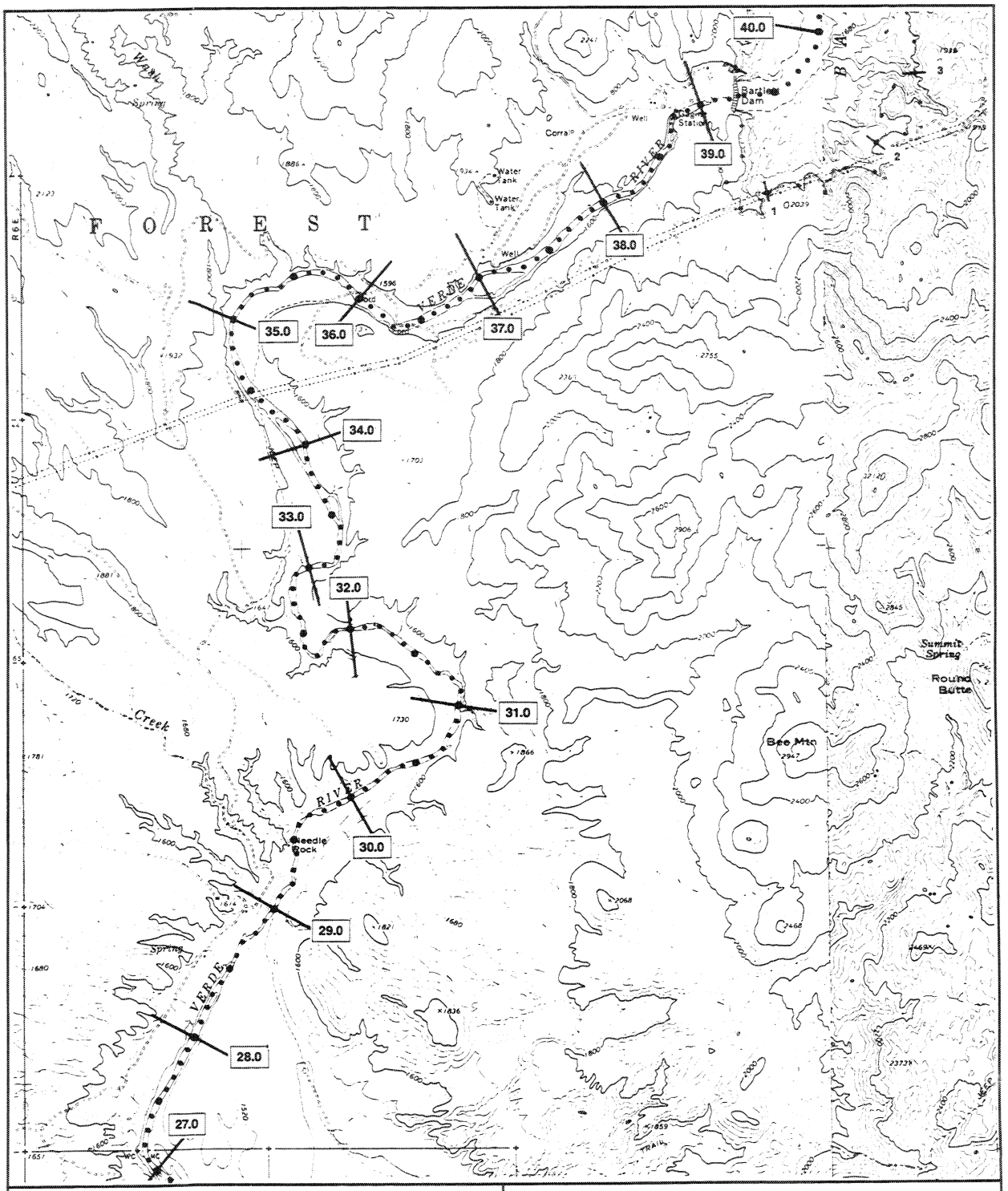
BLACK RIVER
Pinal Creek
SALT RIVER
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
GILA RIVER
GILA RIVER

PLATE; VR 4


BARTLETT DAM QUAD
MAVERICK MTN. QUAD



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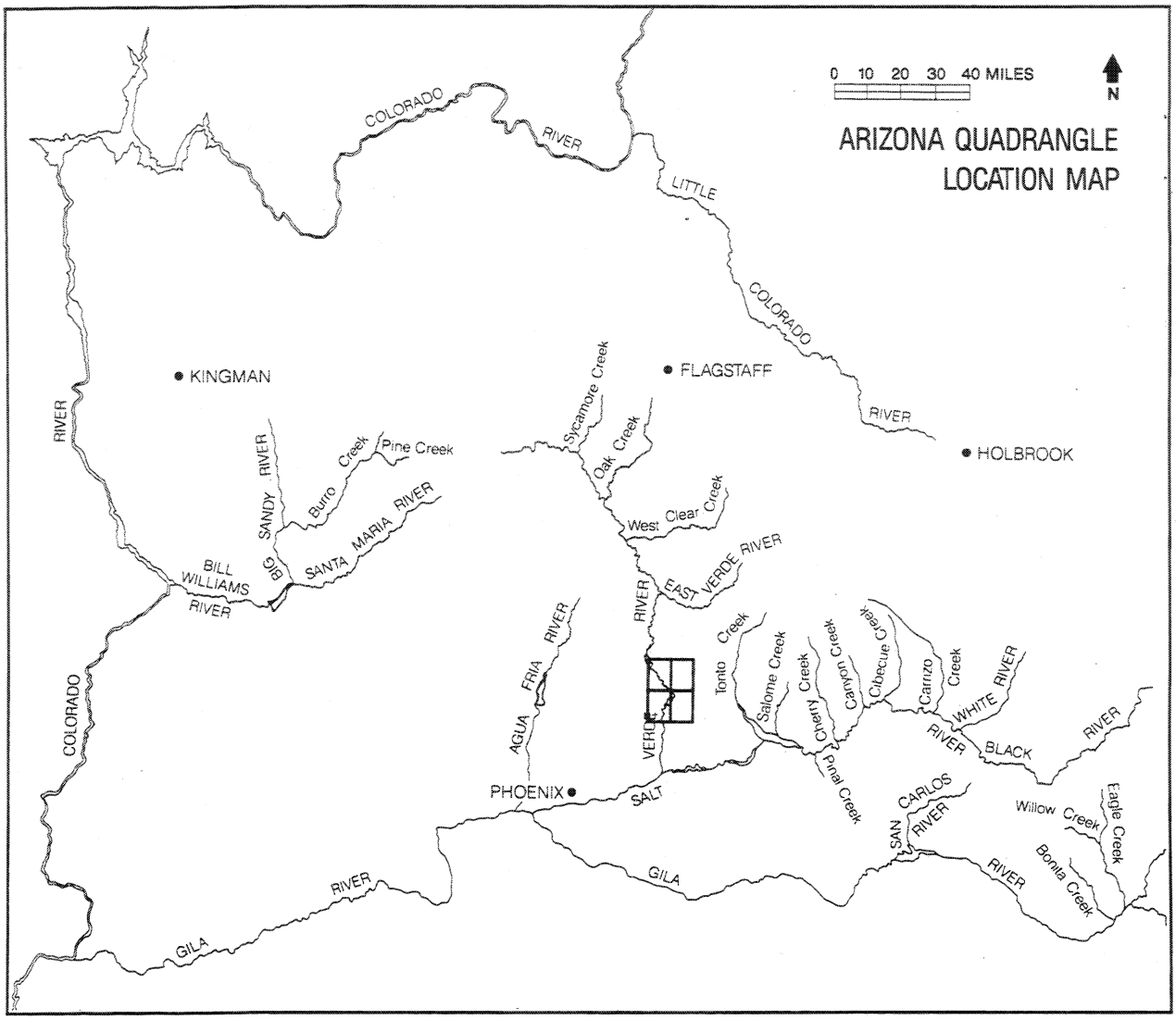
ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

Verde River
Plate; VR 4

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
VERDE RIVER
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
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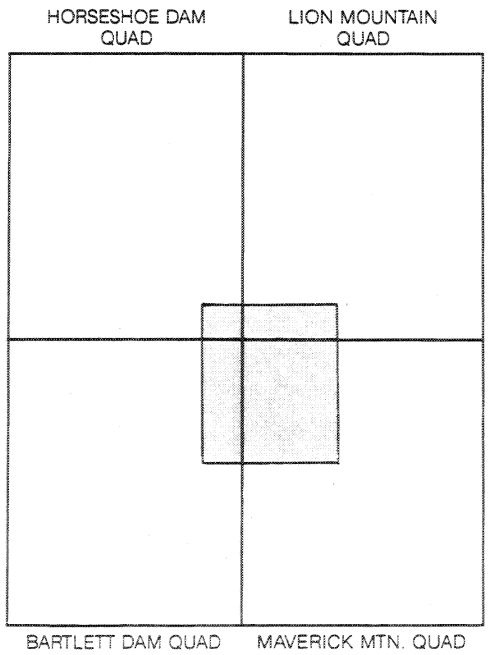
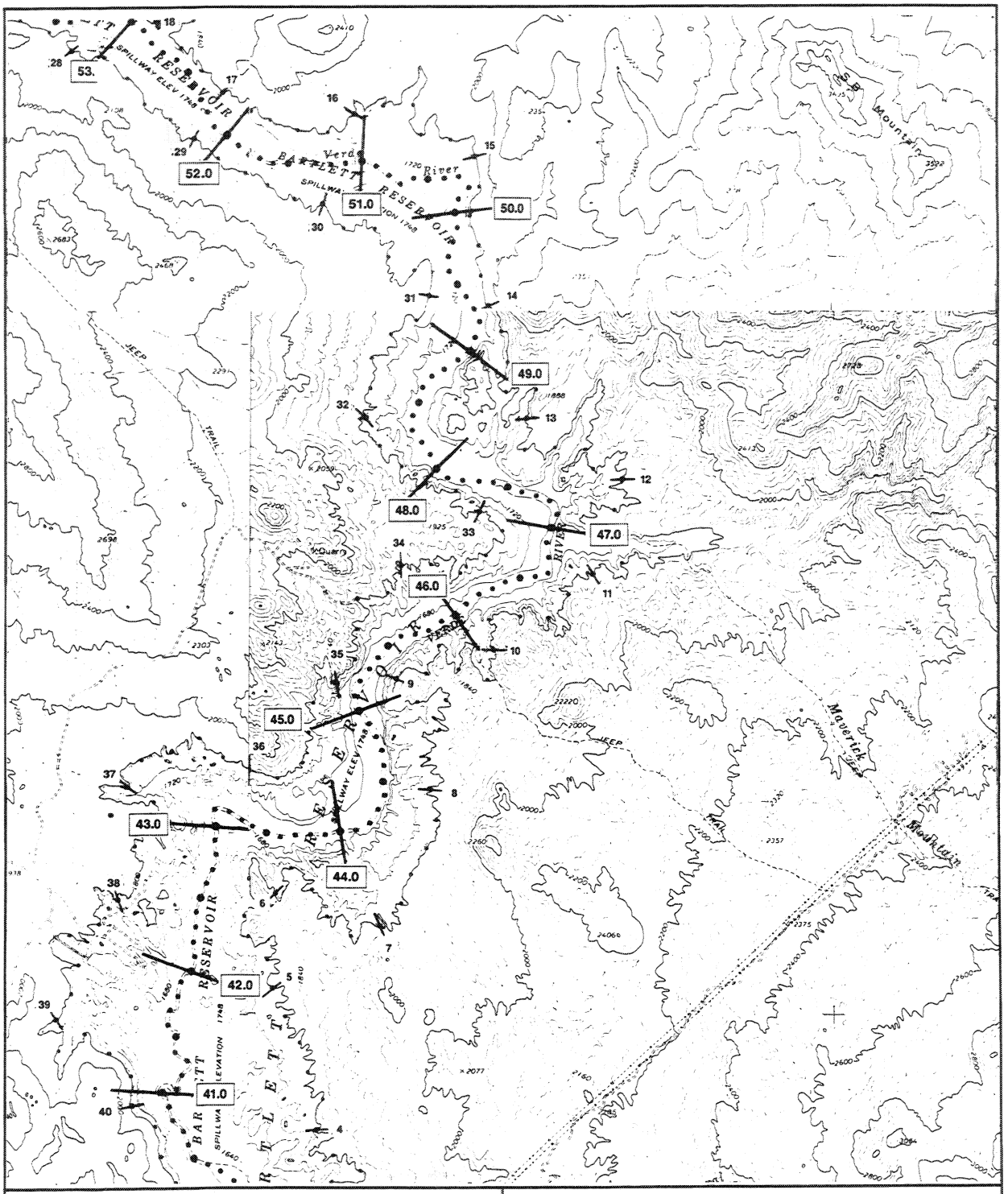
Willow Creek
Eagle Creek
Bonita Creek
SALT RIVER
GILA RIVER
AGUA FRIA RIVER
Pine Creek
Burro Creek
SANDY RIVER
SANTA MARIA RIVER
BILL WILLIAMS RIVER
Big

PLATE; VR 5


HORSESHOE DAM QUAD
LION MOUNTAIN QUAD
BARTLETT DAM QUAD
MAVERICK MTN. QUAD



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1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

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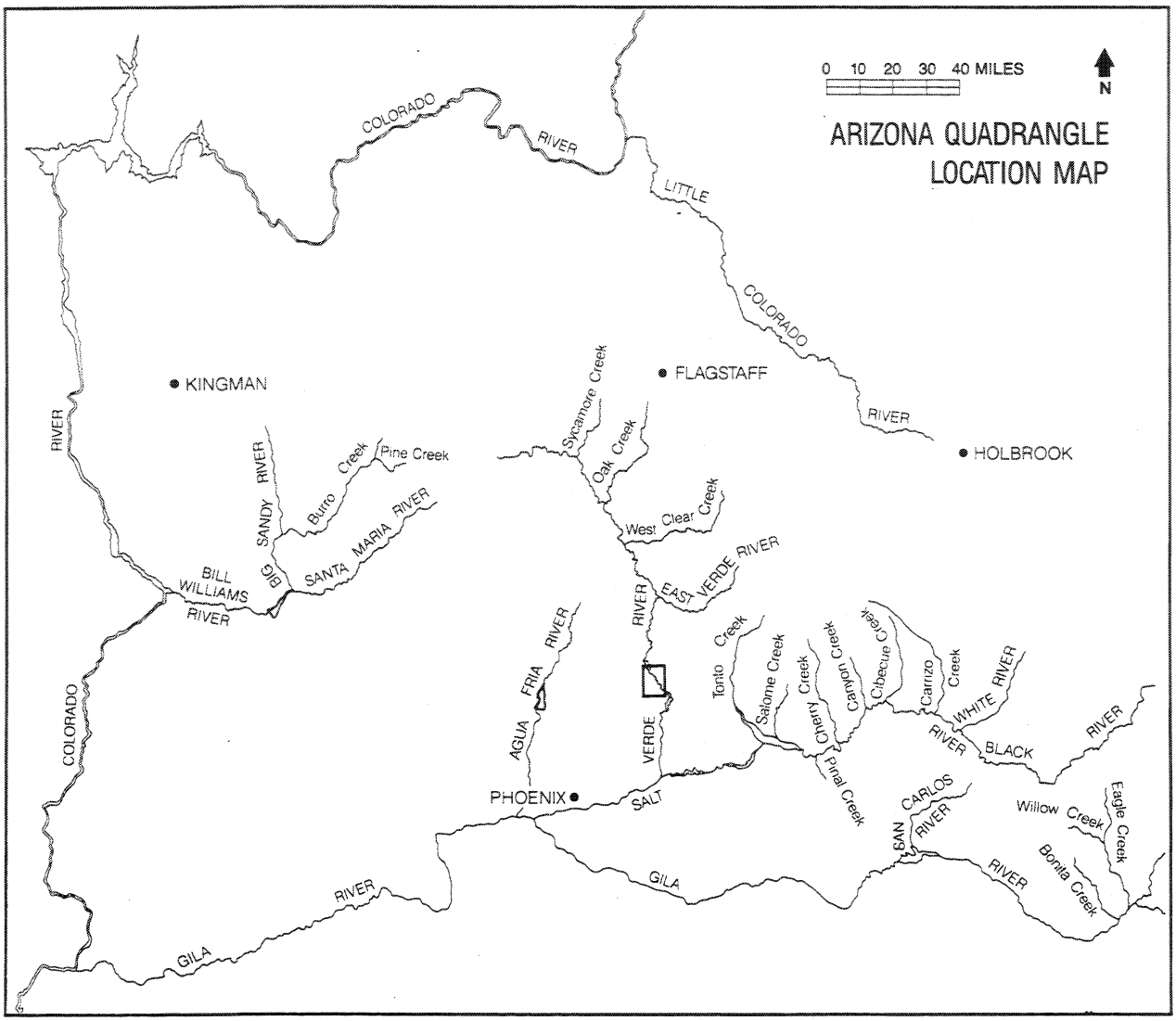
ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

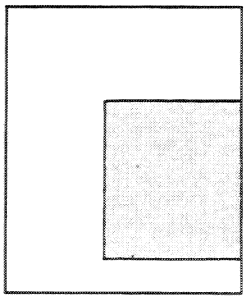
Verde River
Plate; VR 5

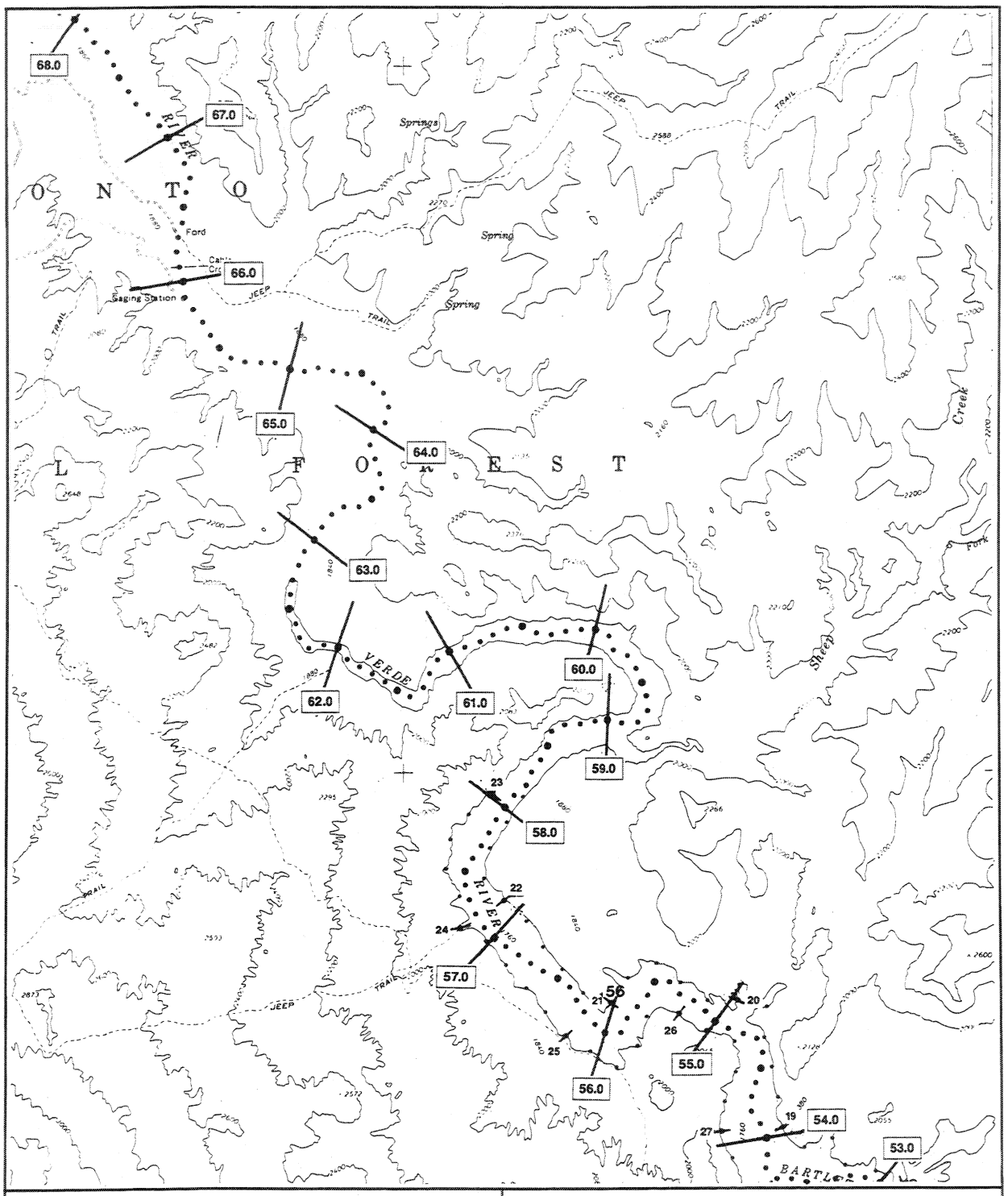
Prepared by: BioSystems Analysis, Inc.



PLATE; VR 6

HORSESHOE DAM QUAD





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1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

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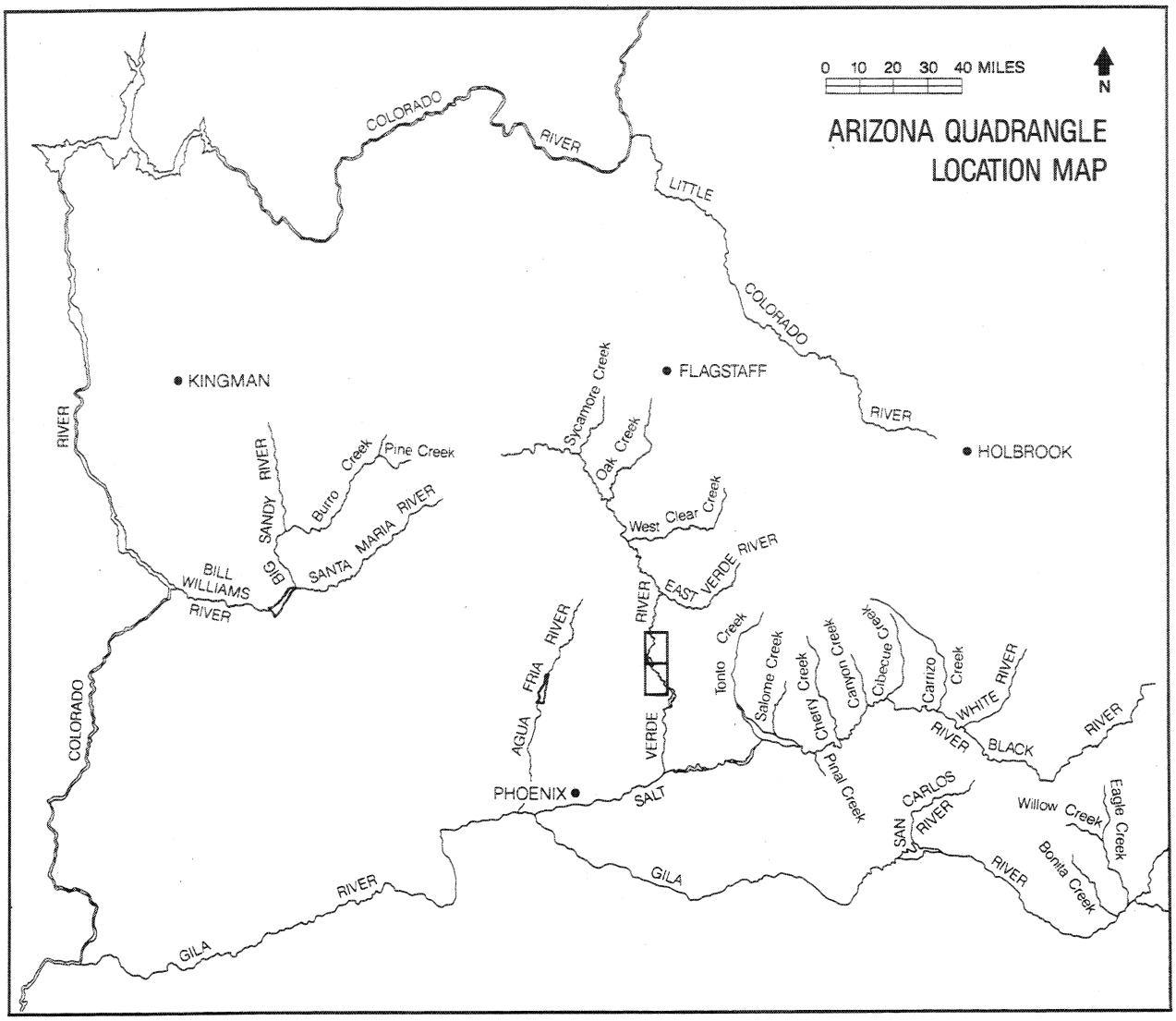
ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

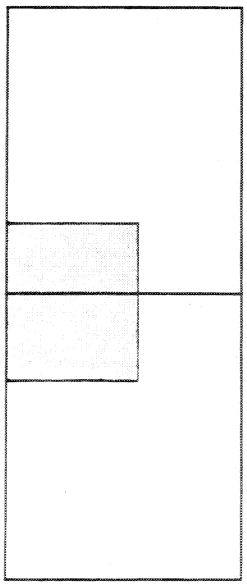
Verde River
Plate; VR 6

Prepared by: BioSystems Analysis, Inc.

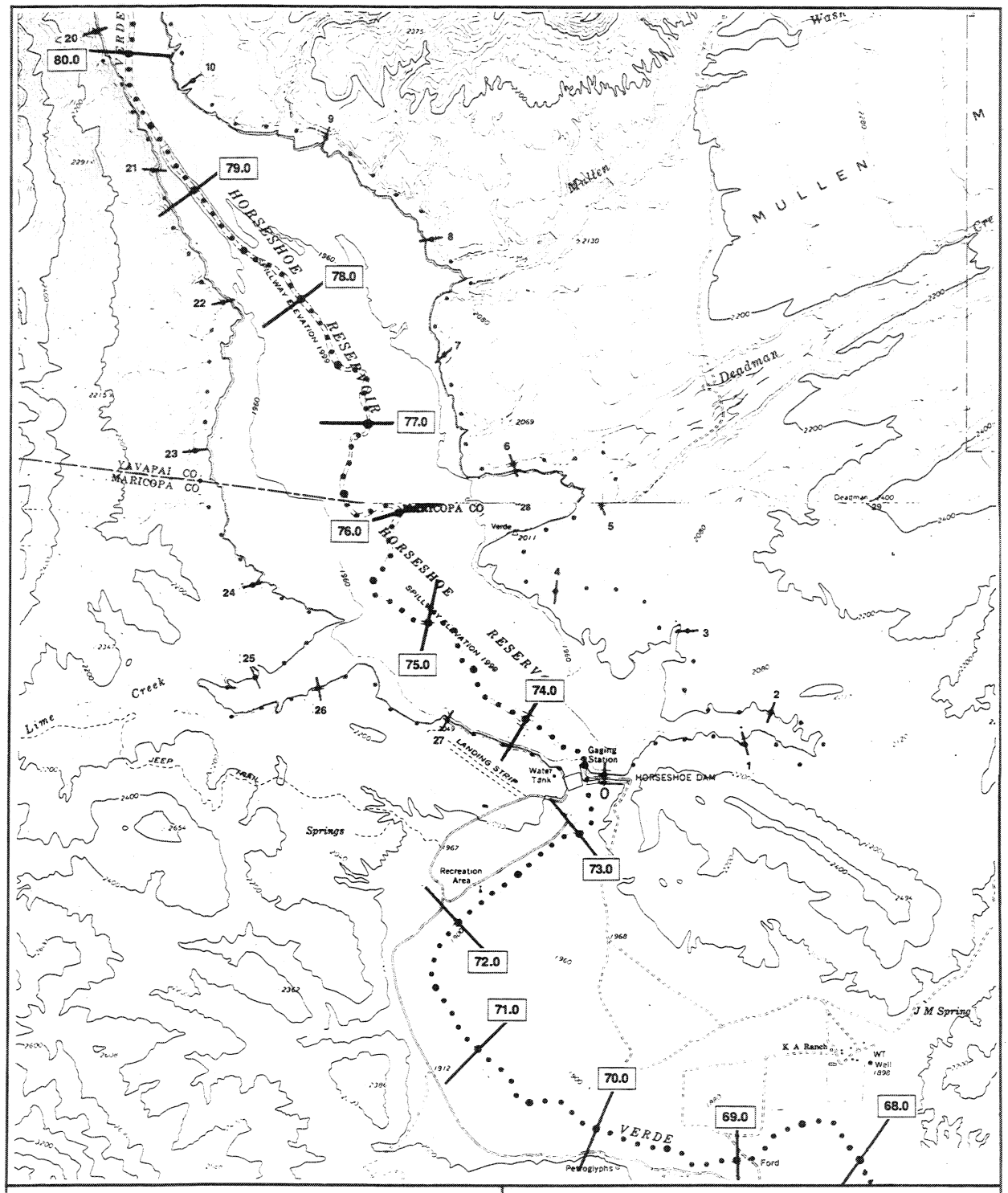


PLATE; VR 7

CHALK MTN. QUAD



HORSESHOE DAM QUAD



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1.0 KILOMETER

0 ½ 1 MILE
0 .5 1 KILOMETER

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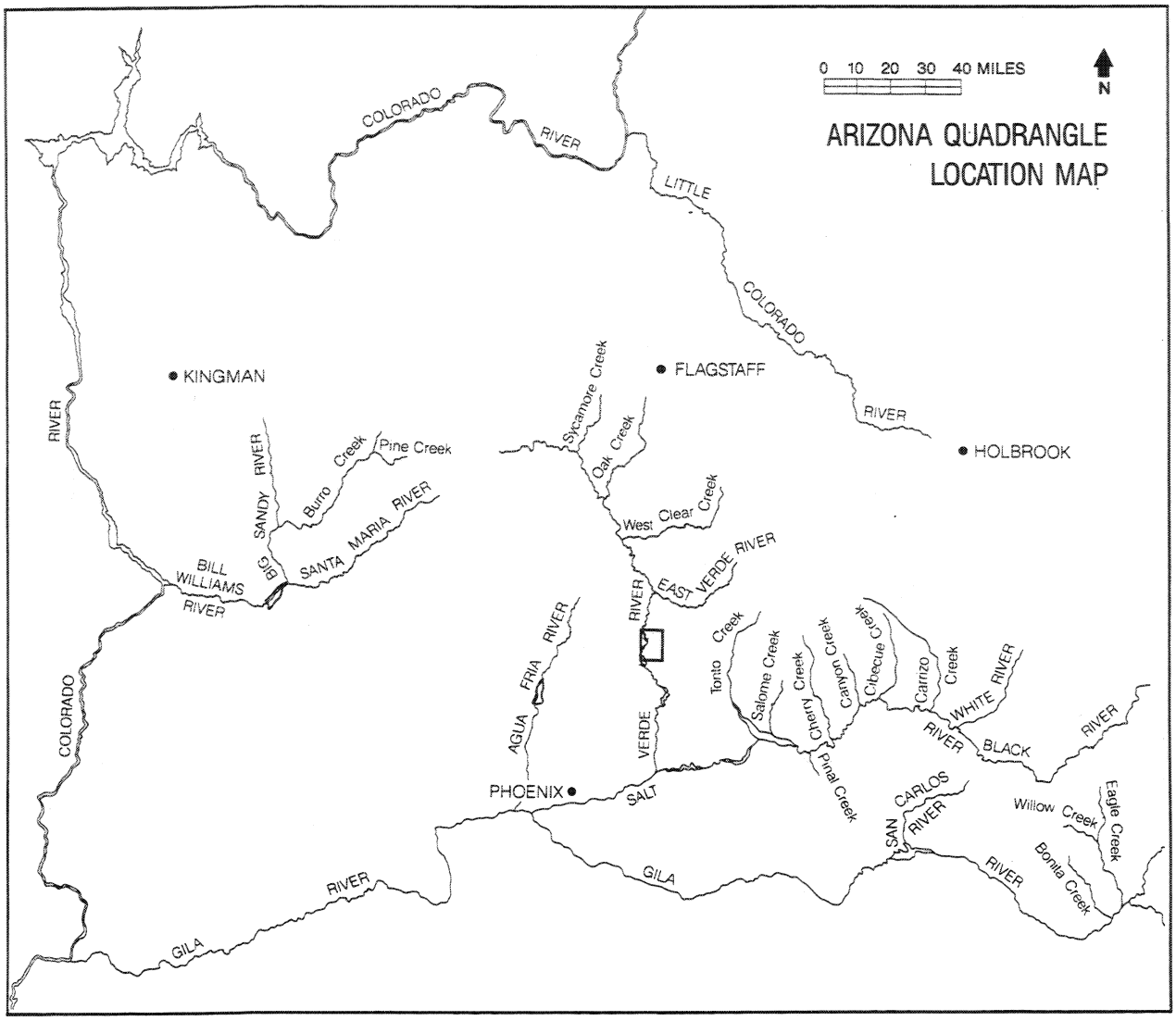
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

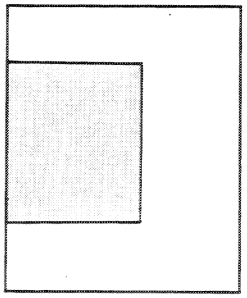
Verde River
Plate; VR 7

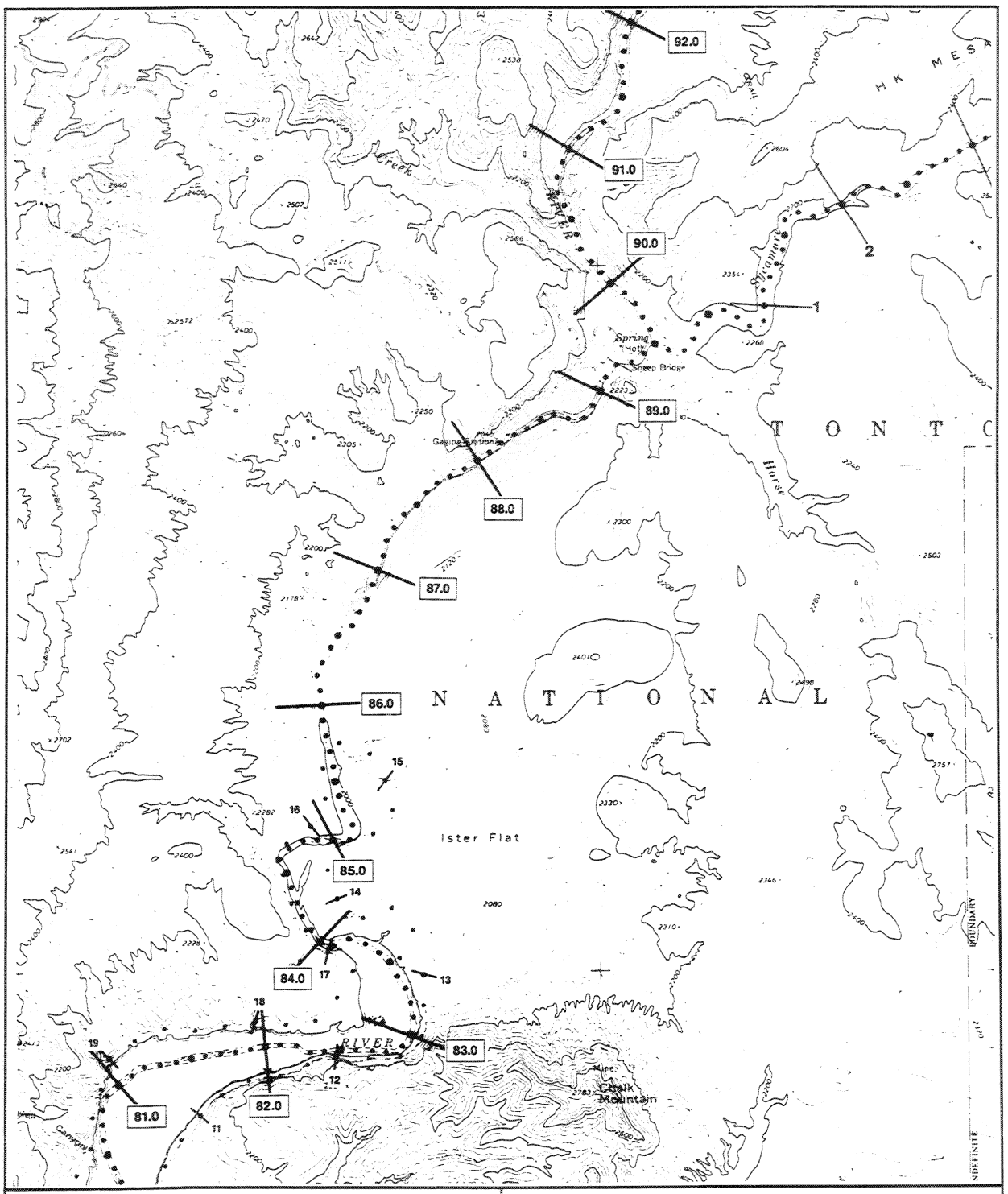
Prepared by: BioSystems Analysis, Inc.



PLATE; VR 8

CHALK MTN. QUAD





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0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

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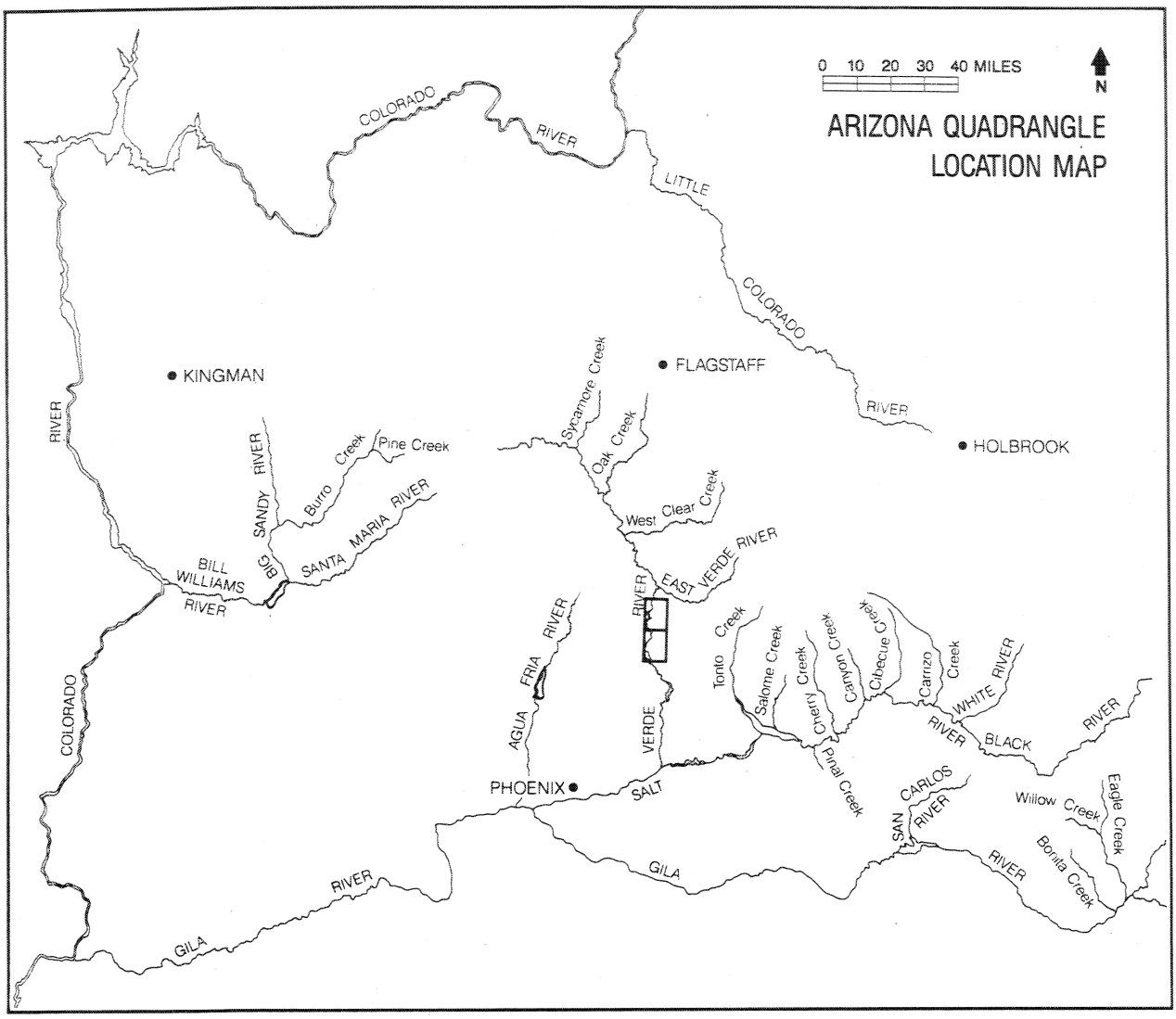
ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

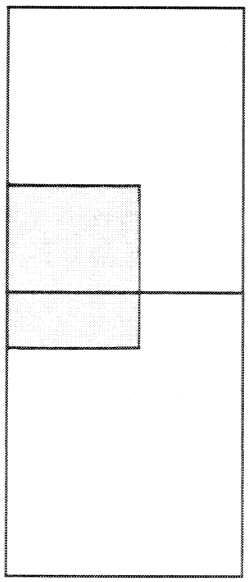
Verde River
Plate; VR 8

Prepared by: BioSystems Analysis, Inc.

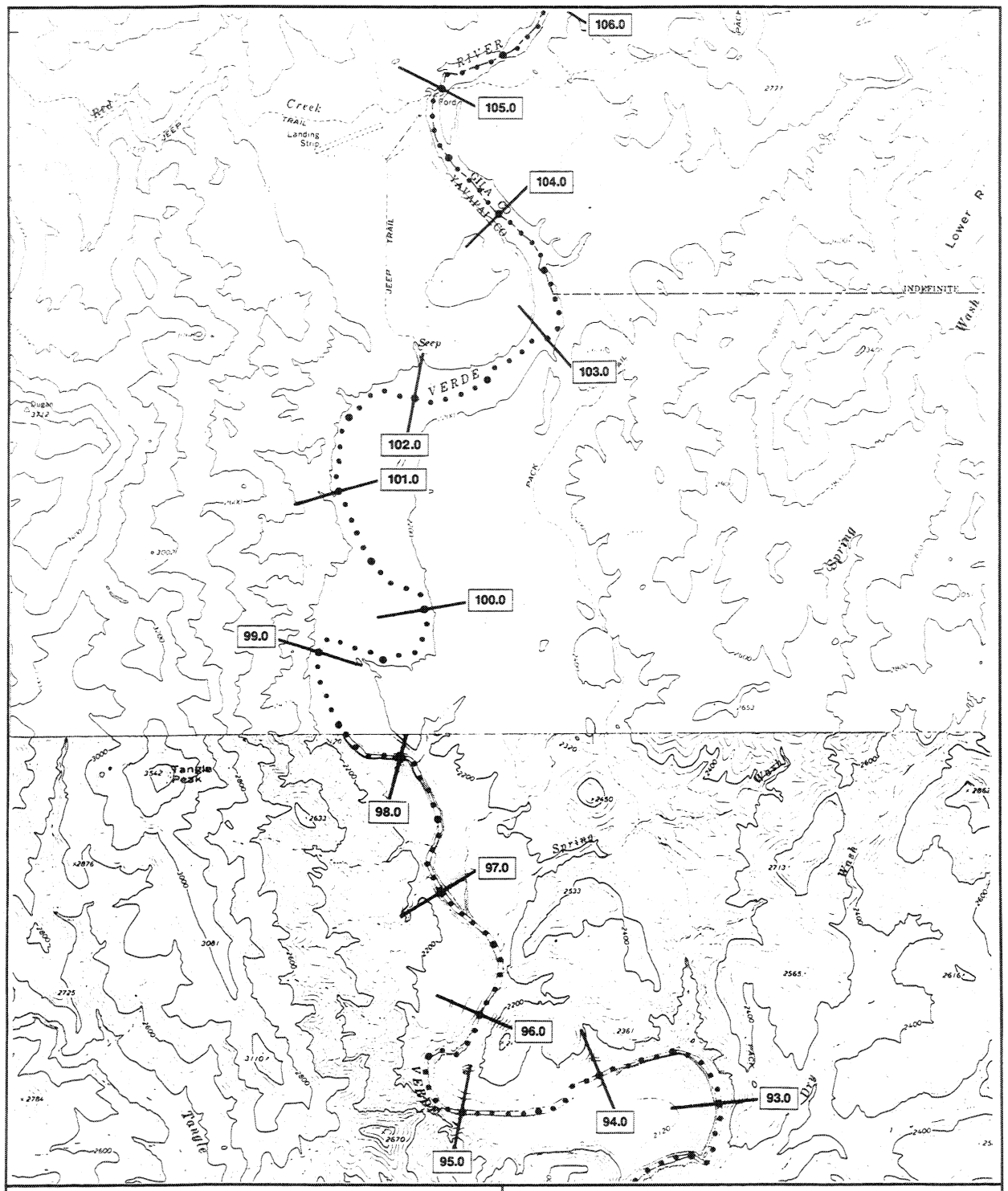


PLATE; VR 9

WET BOTTOM MESA QUAD



CHALK MTN. QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

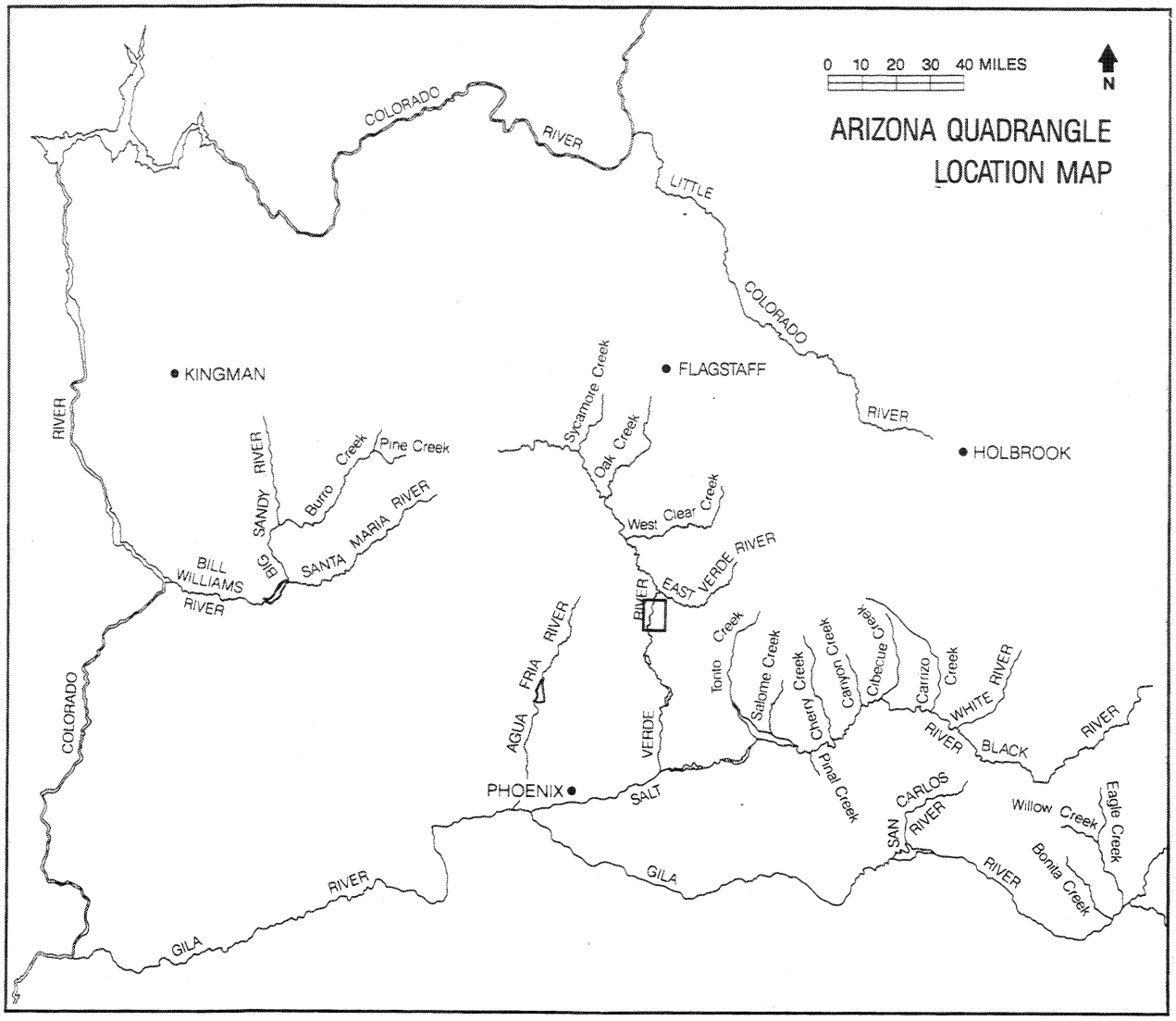
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

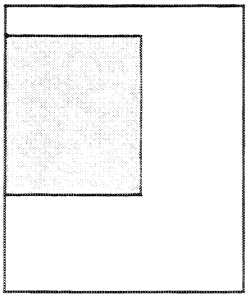
Verde River
Plate; VR 9

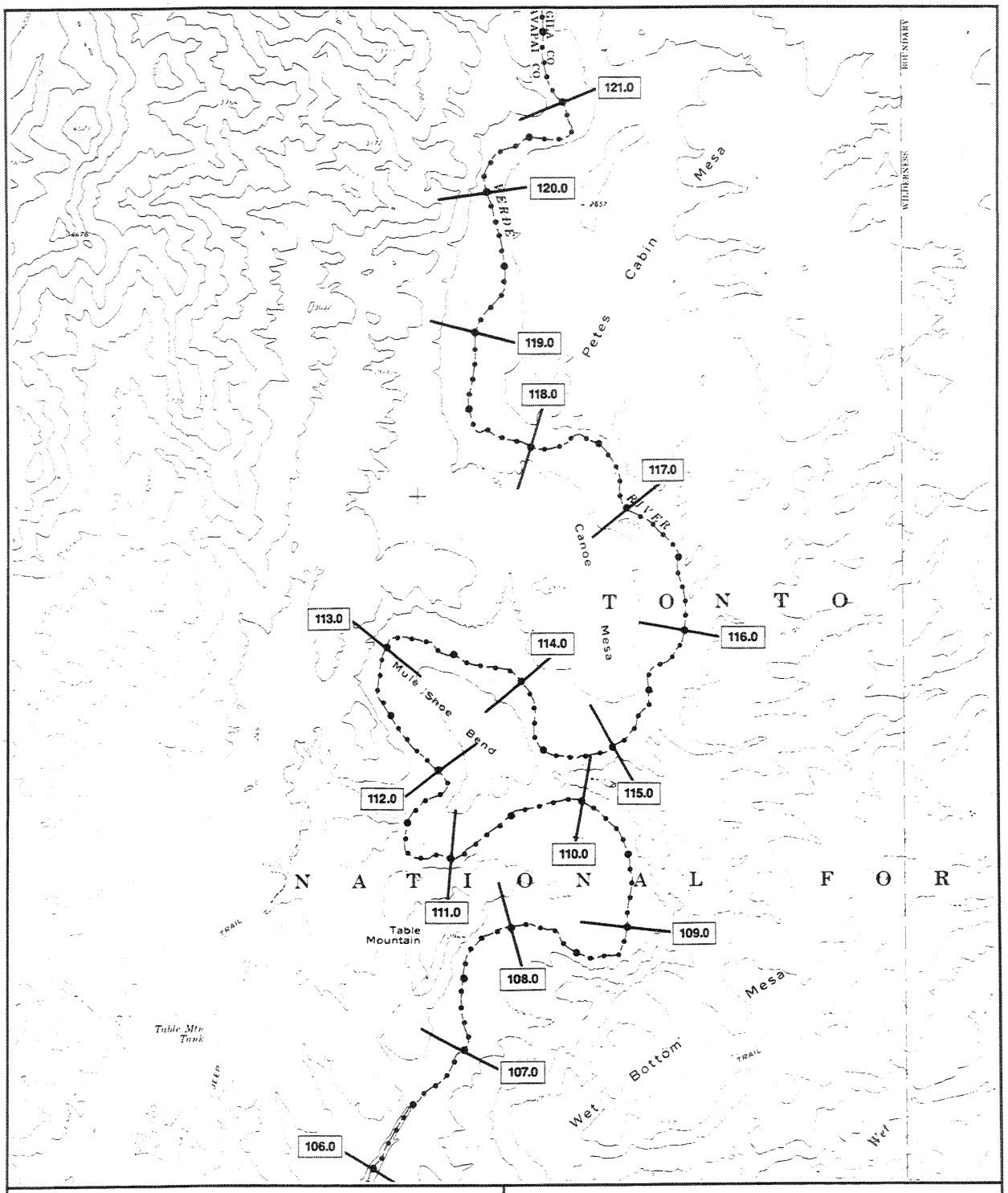
Prepared by: BioSystems Analysis, Inc.



PLATE; VR 10

WET BOTTOM MESA QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

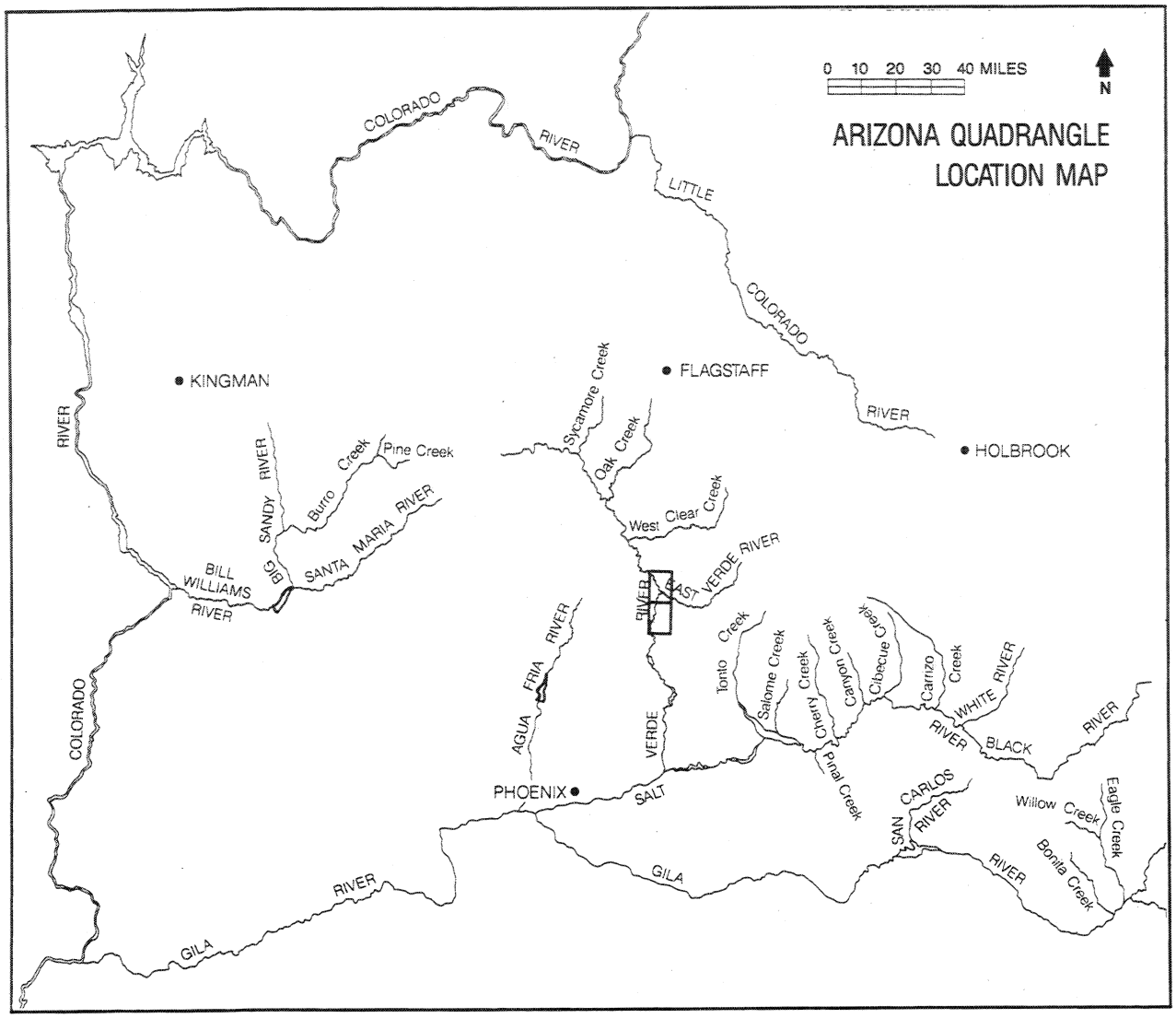
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

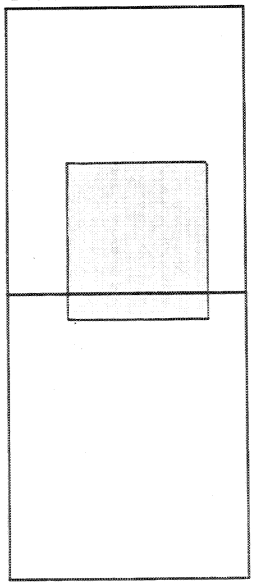
Verde River
Plate; VR 10

Prepared by: BioSystems Analysis, Inc.

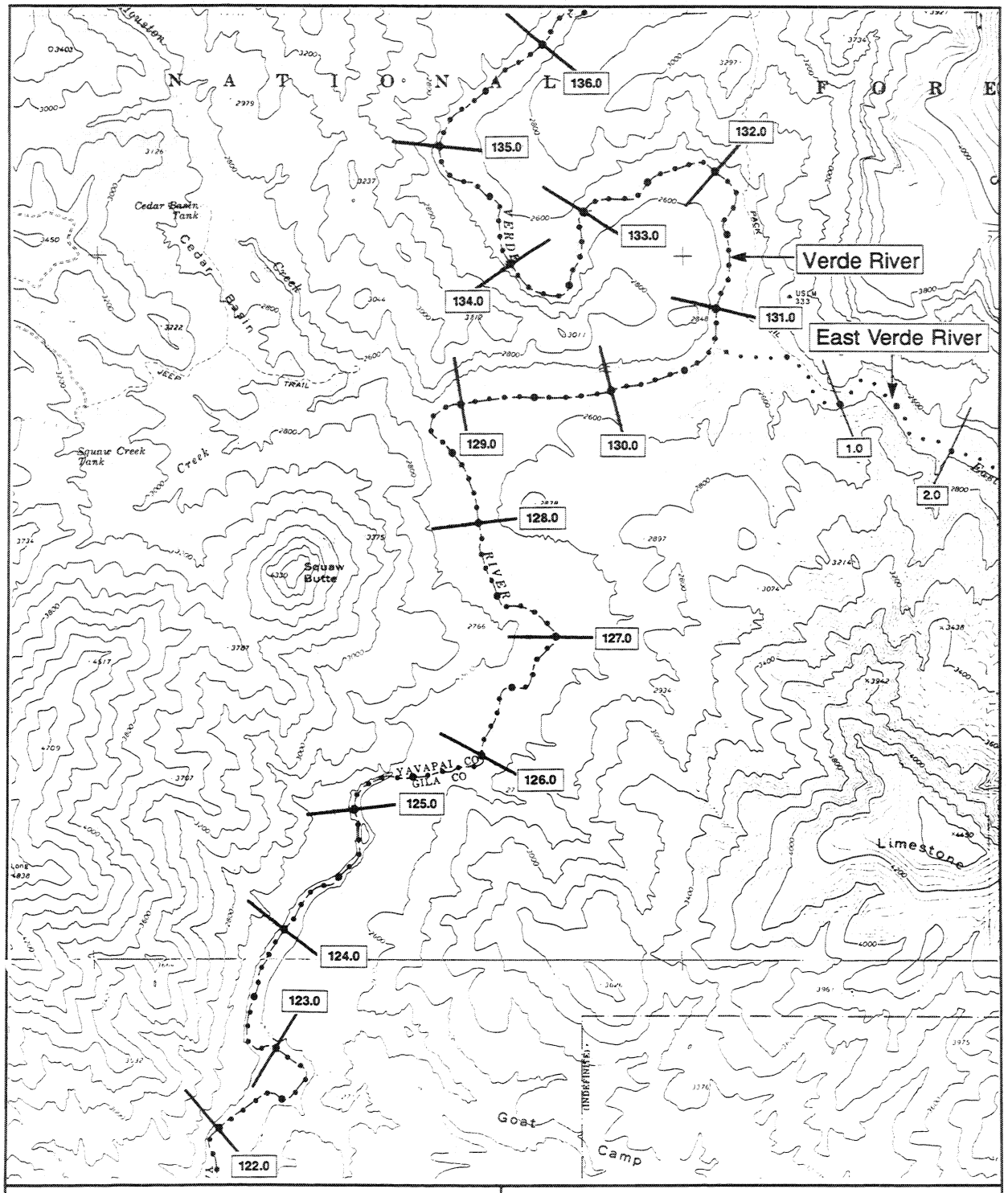


PLATE; VR 11

VERDE HOT SPRINGS QUAD



WET BOTTOM MESA QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

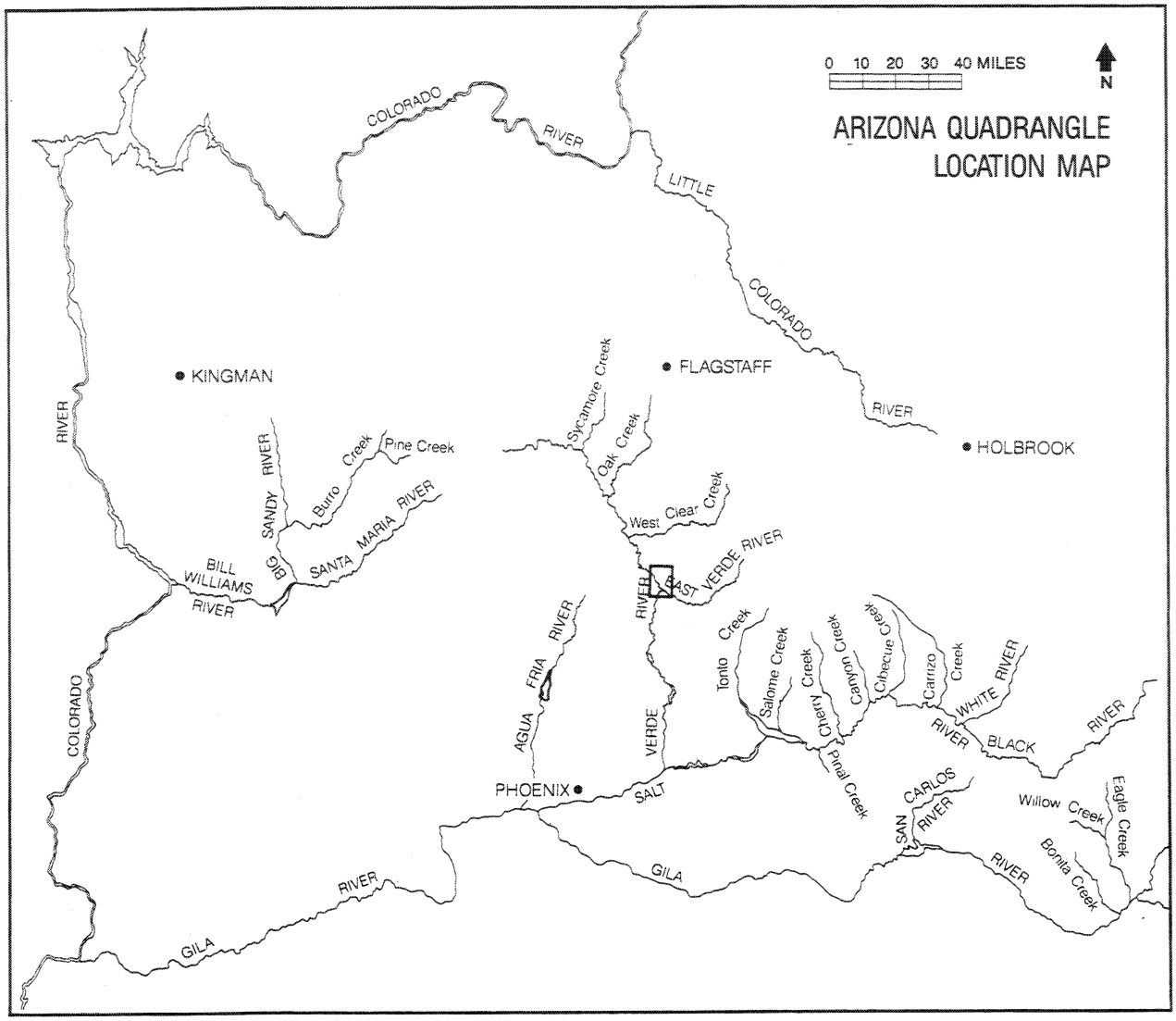
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

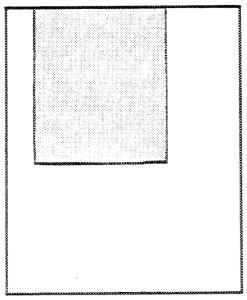
Verde River
Plate; VR 11

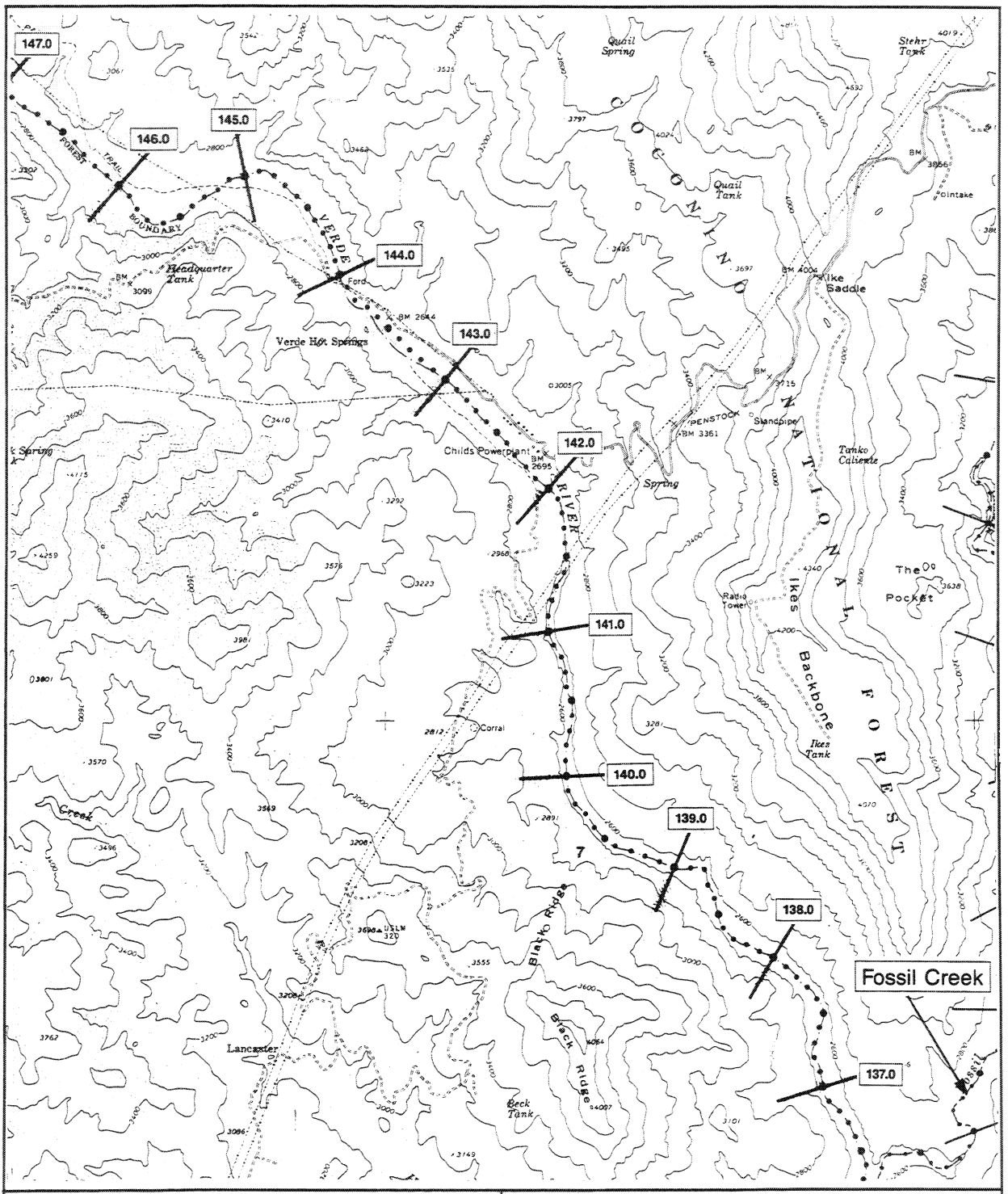
Prepared by: BioSystems Analysis, Inc.



PLATE; VR 12

VERDE HOT SPRINGS QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

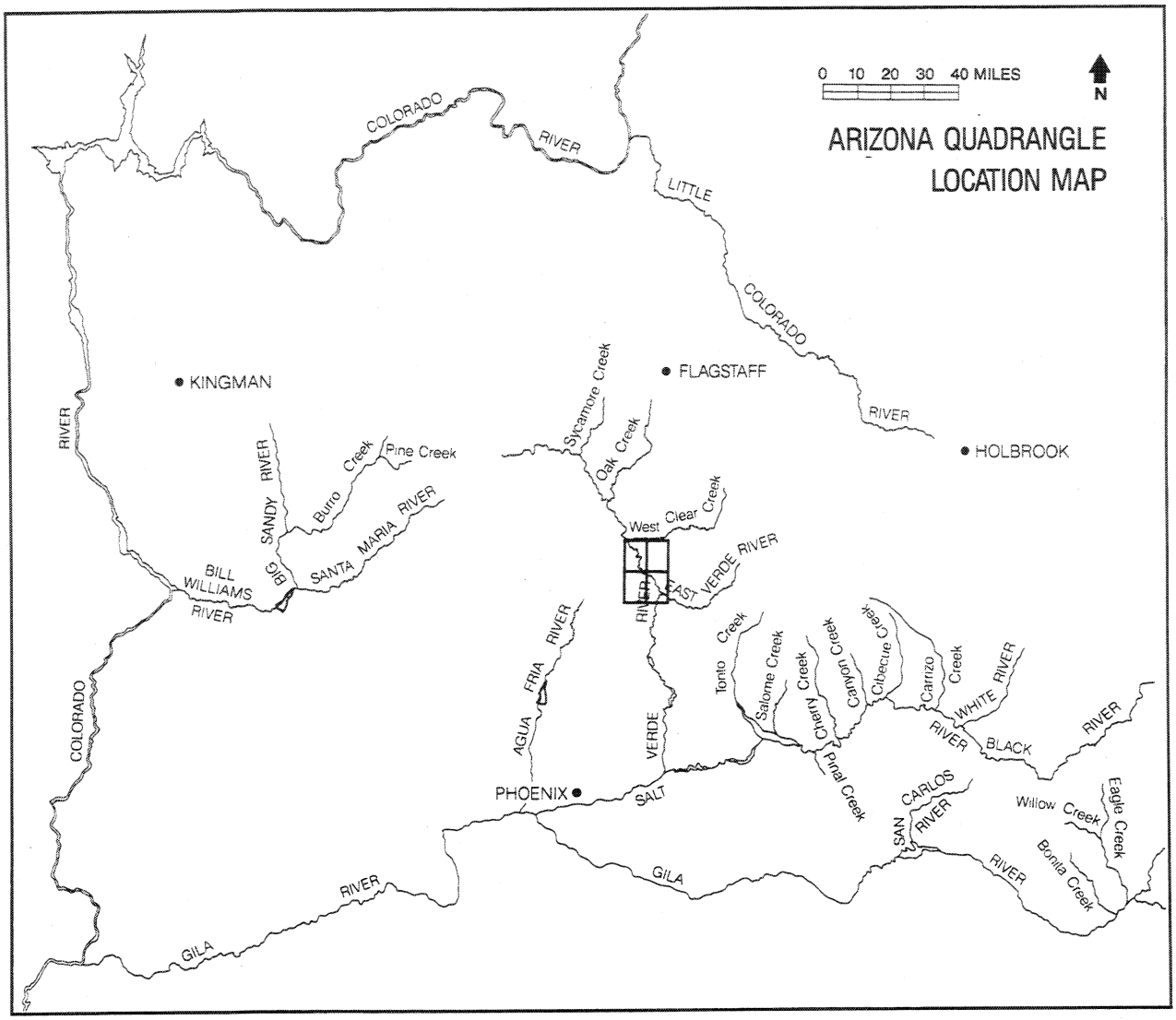
N

ARIZONA
BALD EAGLE PROJECT

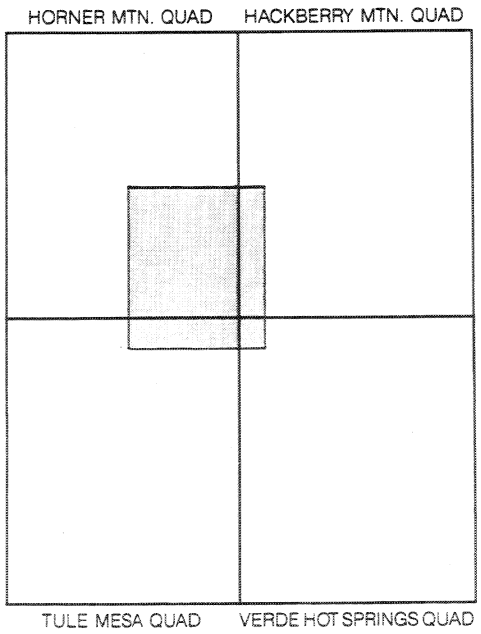
RIVER MAP ATLAS

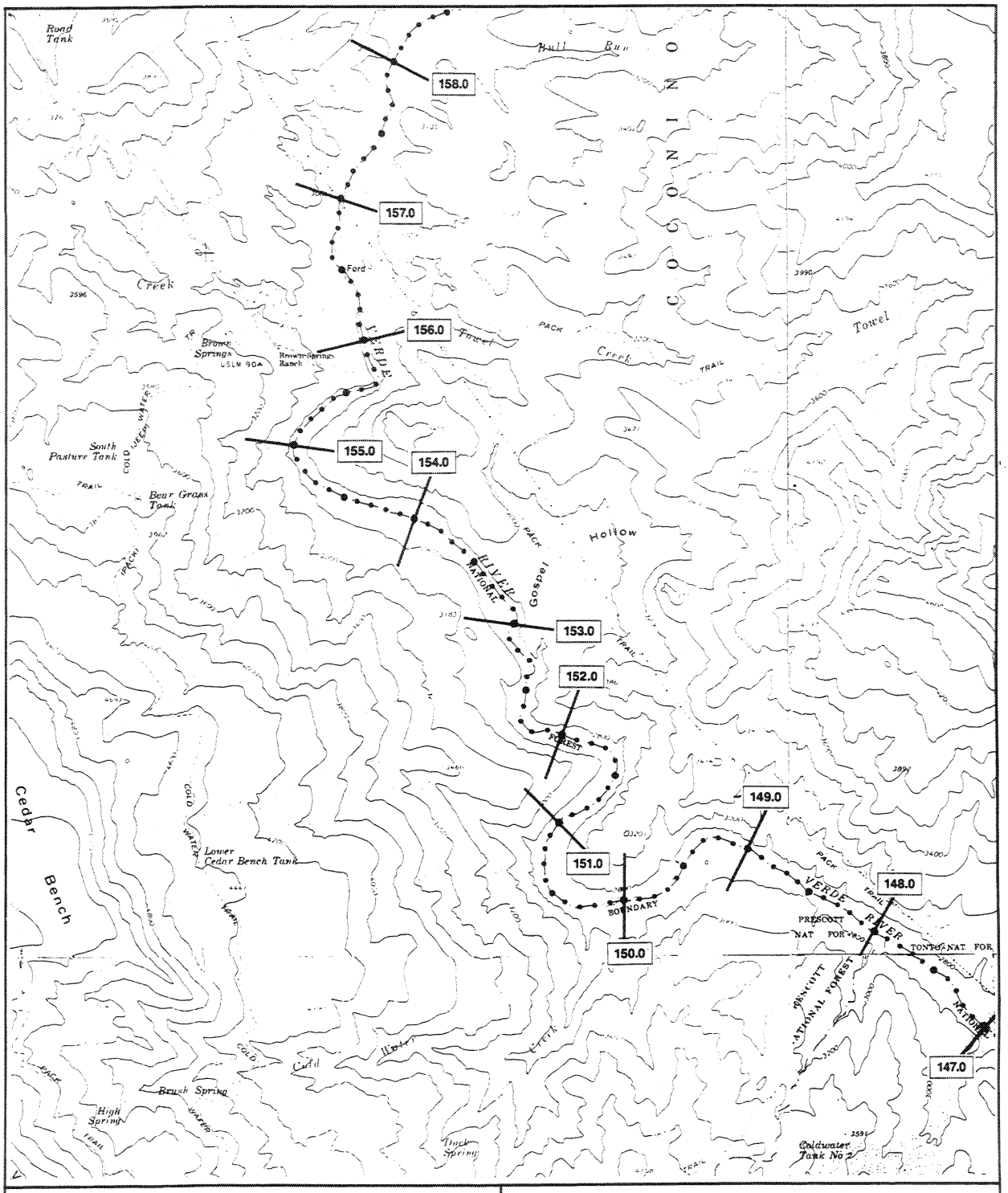
Verde River
Plate; VR 12

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
Pine Creek
Burro Creek
SANDY RIVER
BIG SANTA MARIA RIVER
BILL WILLIAMS RIVER
AGUA FRIA RIVER
VERDE RIVER
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
SALT RIVER
GILA RIVER

PLATE; VR 13


HORNER MTN. QUAD
HACKBERRY MTN. QUAD
TULE MESA QUAD
VERDE HOT SPRINGS QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

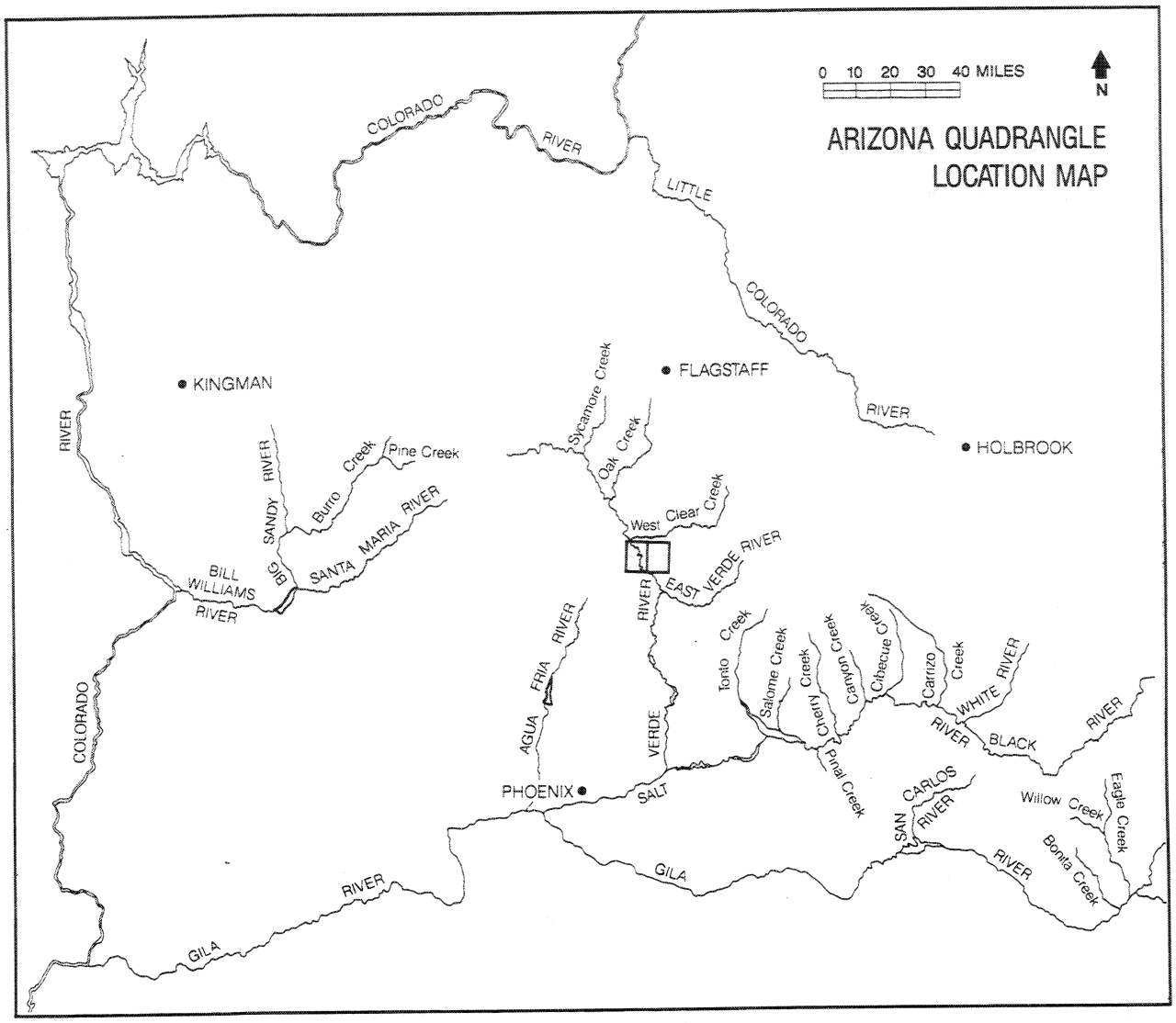
N

ARIZONA
BALD EAGLE PROJECT

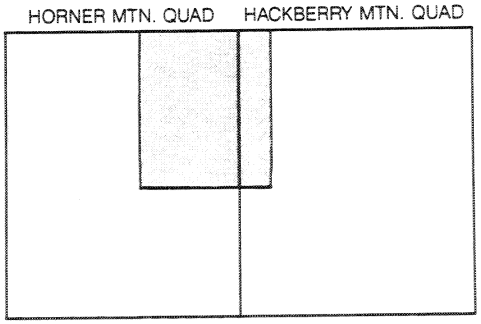
RIVER MAP ATLAS

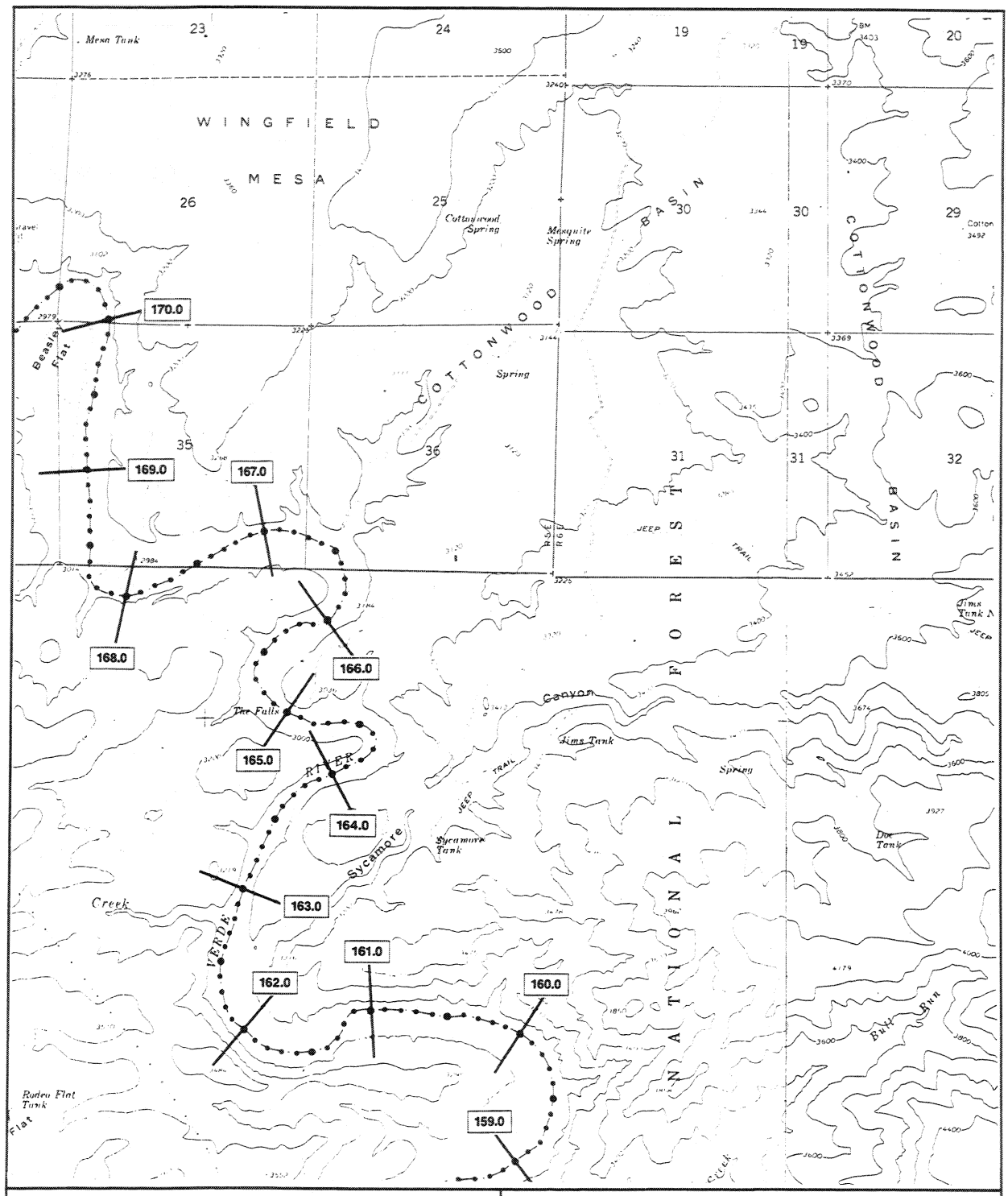
Verde River
Plate; VR 13

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
Pine Creek
Burro Creek
SANDY RIVER
BIG SANTA MARIA RIVER
BILL WILLIAMS RIVER
AGUA FRIA RIVER
VERDE RIVER
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
SALT RIVER
GILA RIVER
GILA RIVER
COLORADO RIVER

PLATE; VR 14


HORNER MTN. QUAD
HACKBERRY MTN. QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

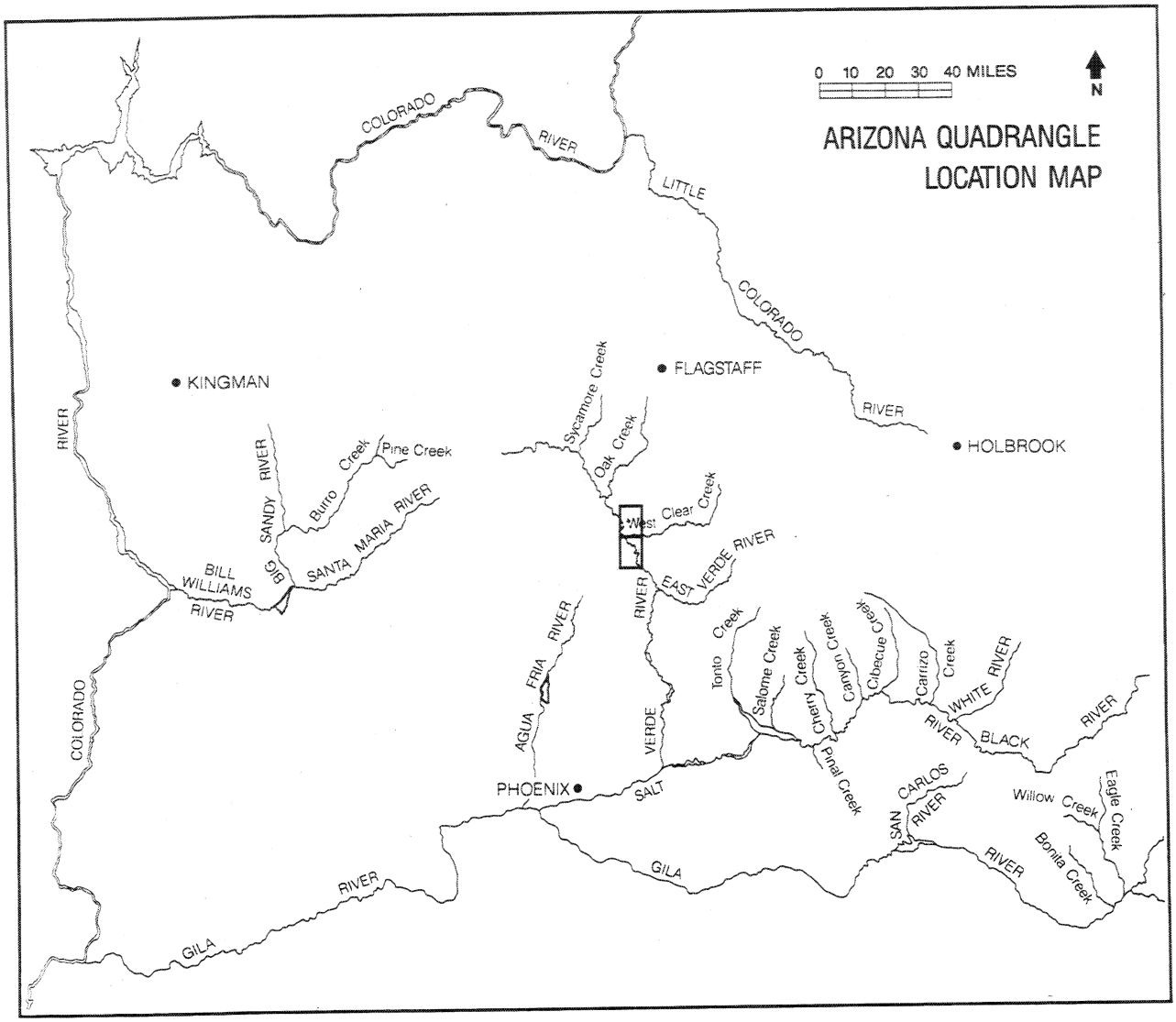
N

ARIZONA
BALD EAGLE PROJECT

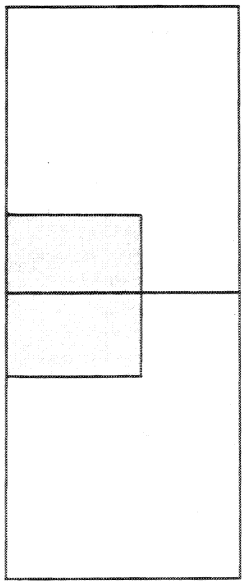
RIVER MAP ATLAS

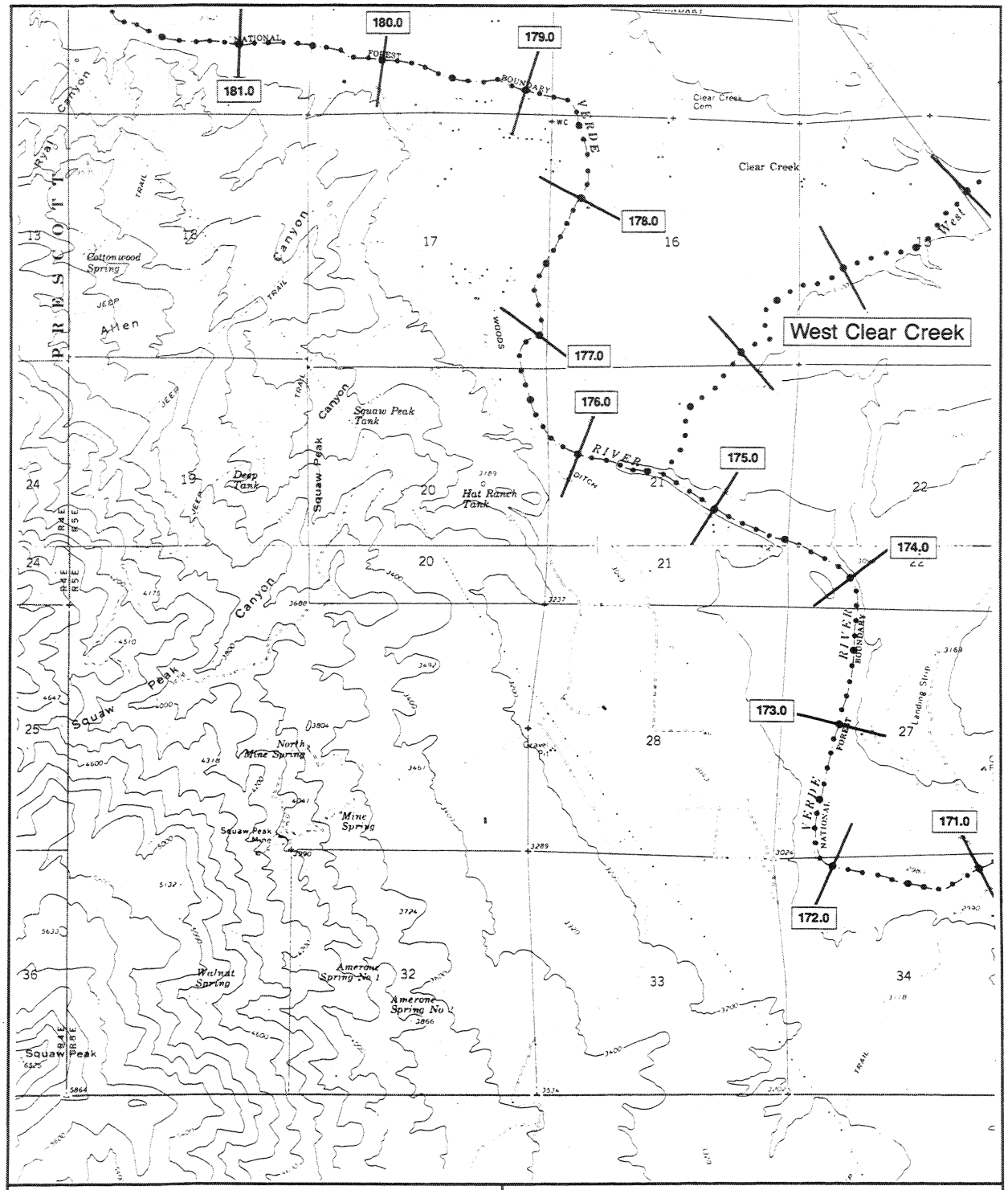
Verde River
Plate; VR 14

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO
RIVER
LITTLE
COLORADO
RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
RIVER
Pine Creek
Burro Creek
SANDY RIVER
BIG SANTA MARIA RIVER
BILL WILLIAMS RIVER
AGUA FRIA RIVER
VERDE
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
PHOENIX
SALT
GILA
RIVER
GILA
RIVER
COLORADO
RIVER

PLATE; VR 15


CAMP VERDE QUAD
HORNER MTN. QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

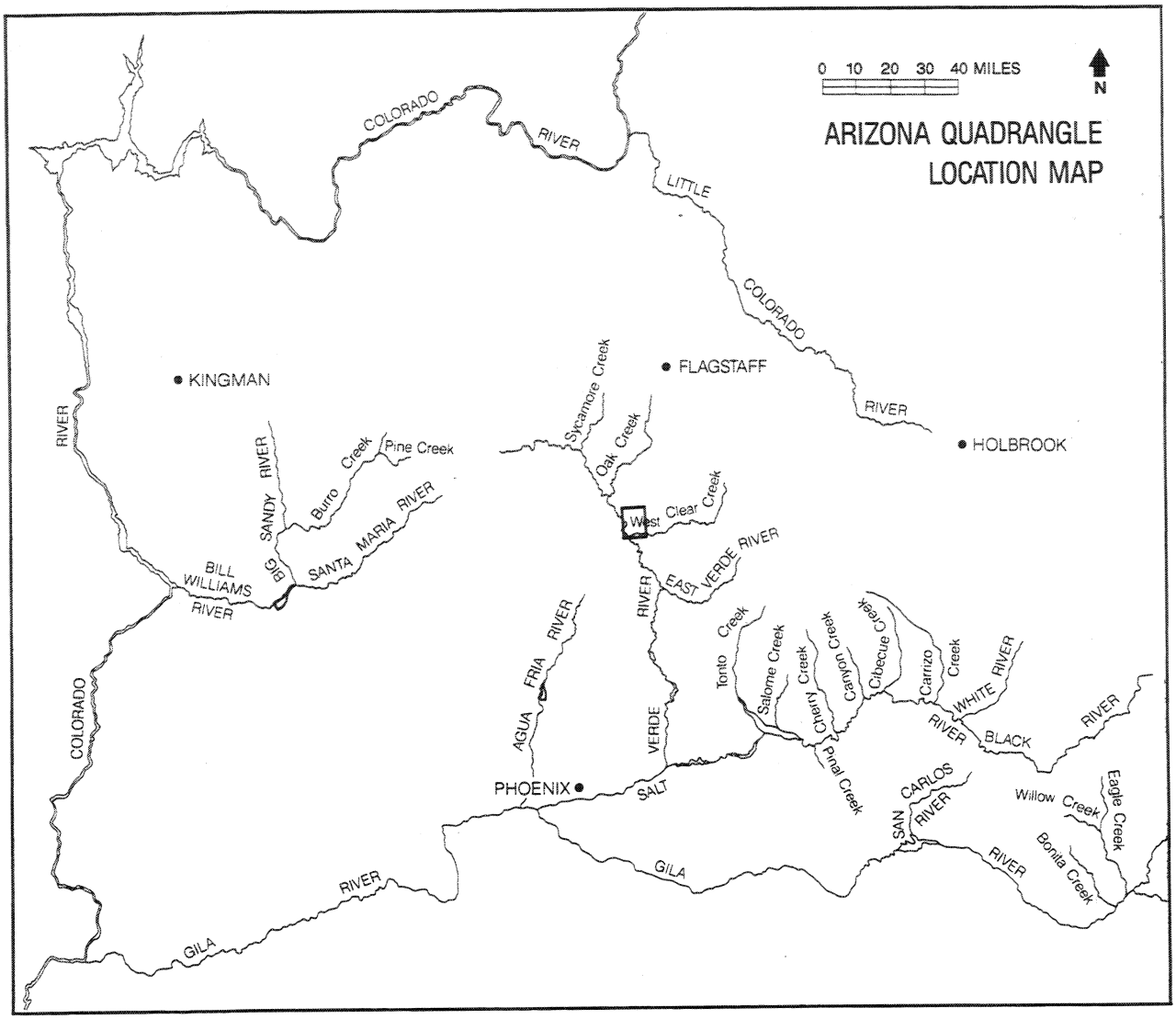
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

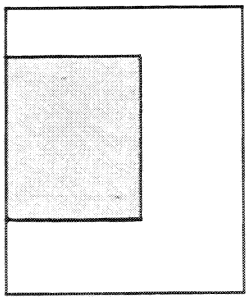
Verde River
Plate; VR 15

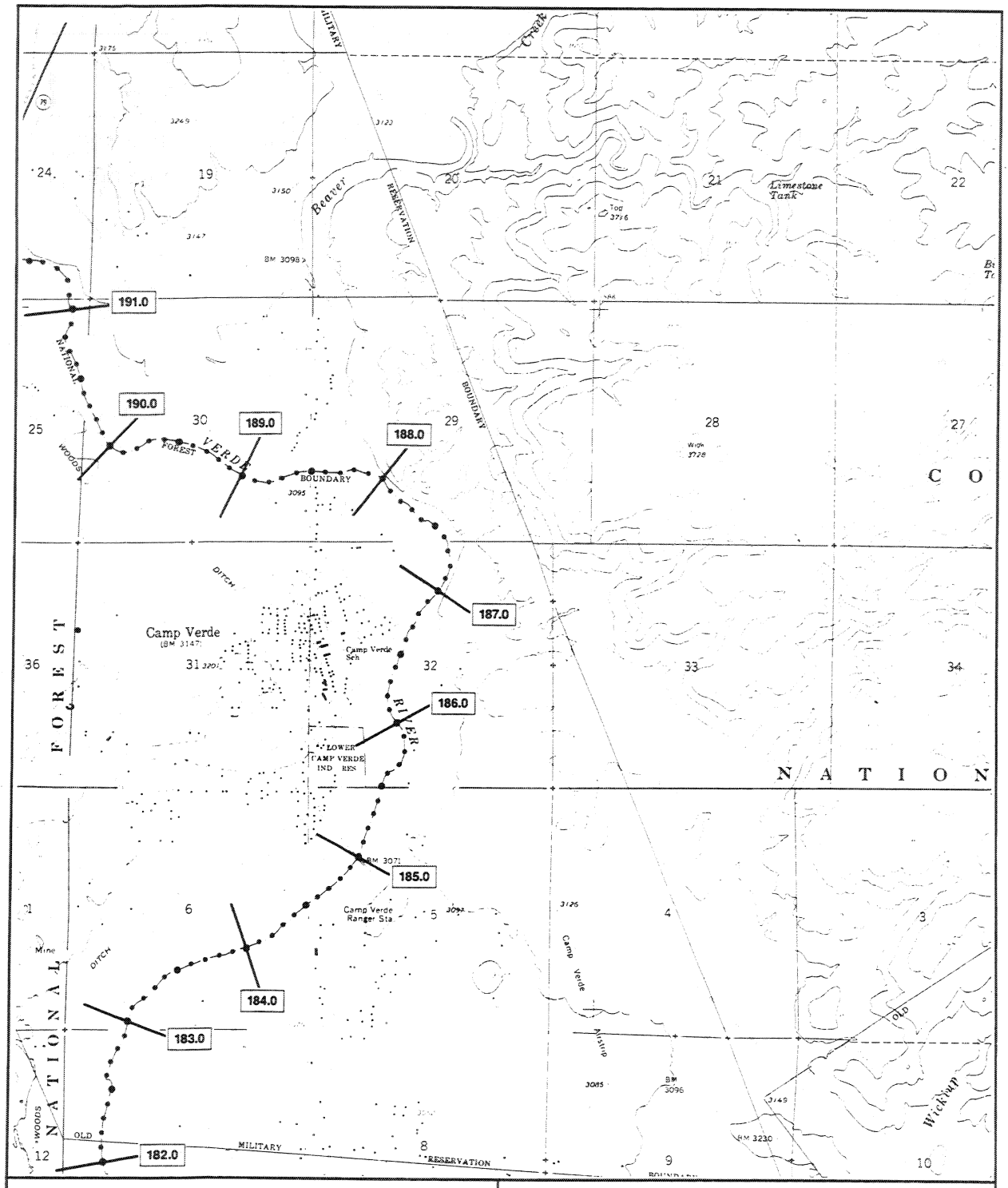
Prepared by: BioSystems Analysis, Inc.



PLATE; VR 16

CAMP VERDE QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

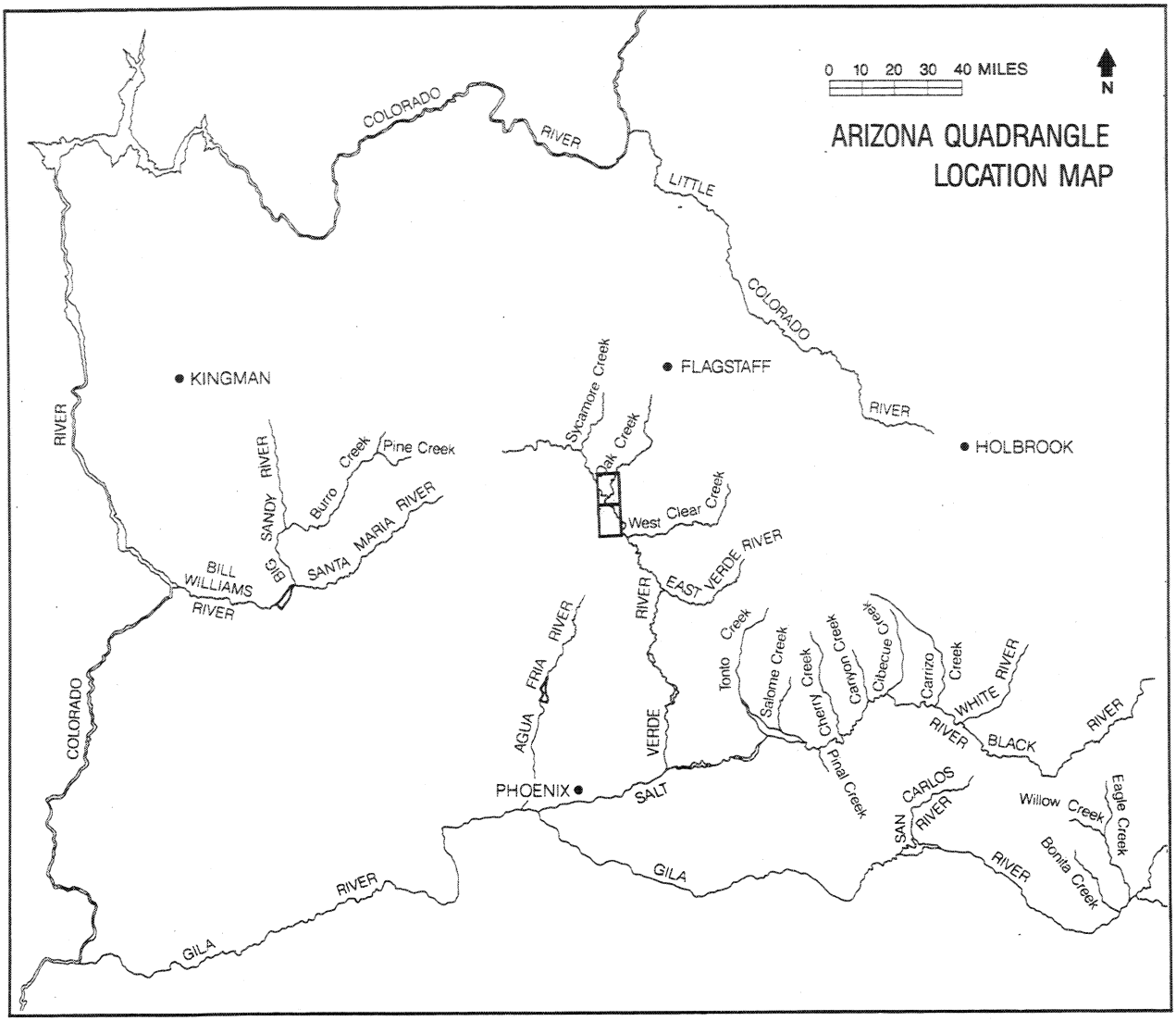
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

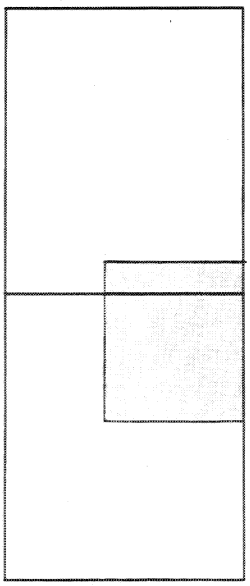
Verde River
Plate; VR 16

Prepared by: BioSystems Analysis, Inc.

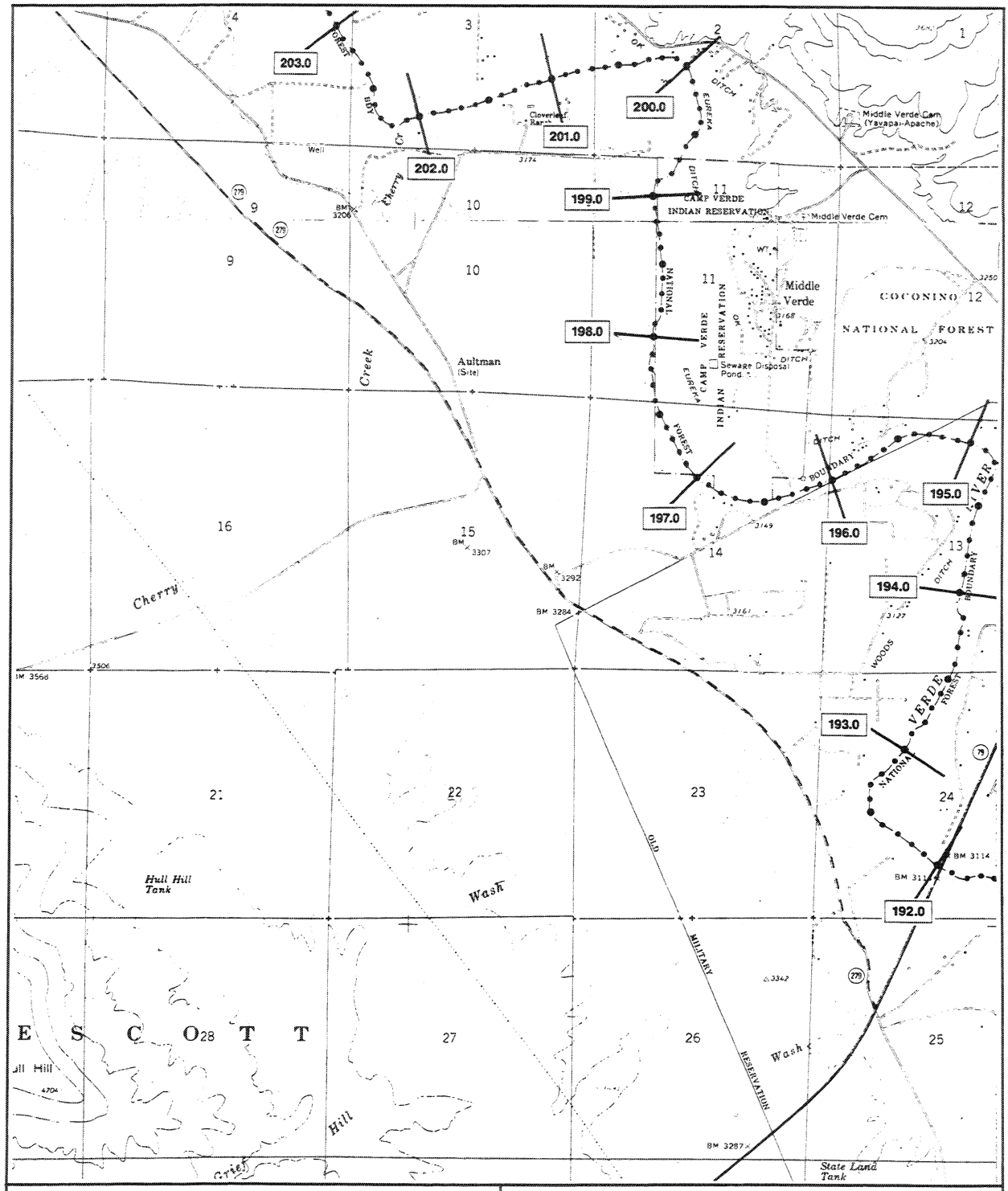


PLATE; VR 17

CORNVILLE QUAD



MIDDLE VERDE QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

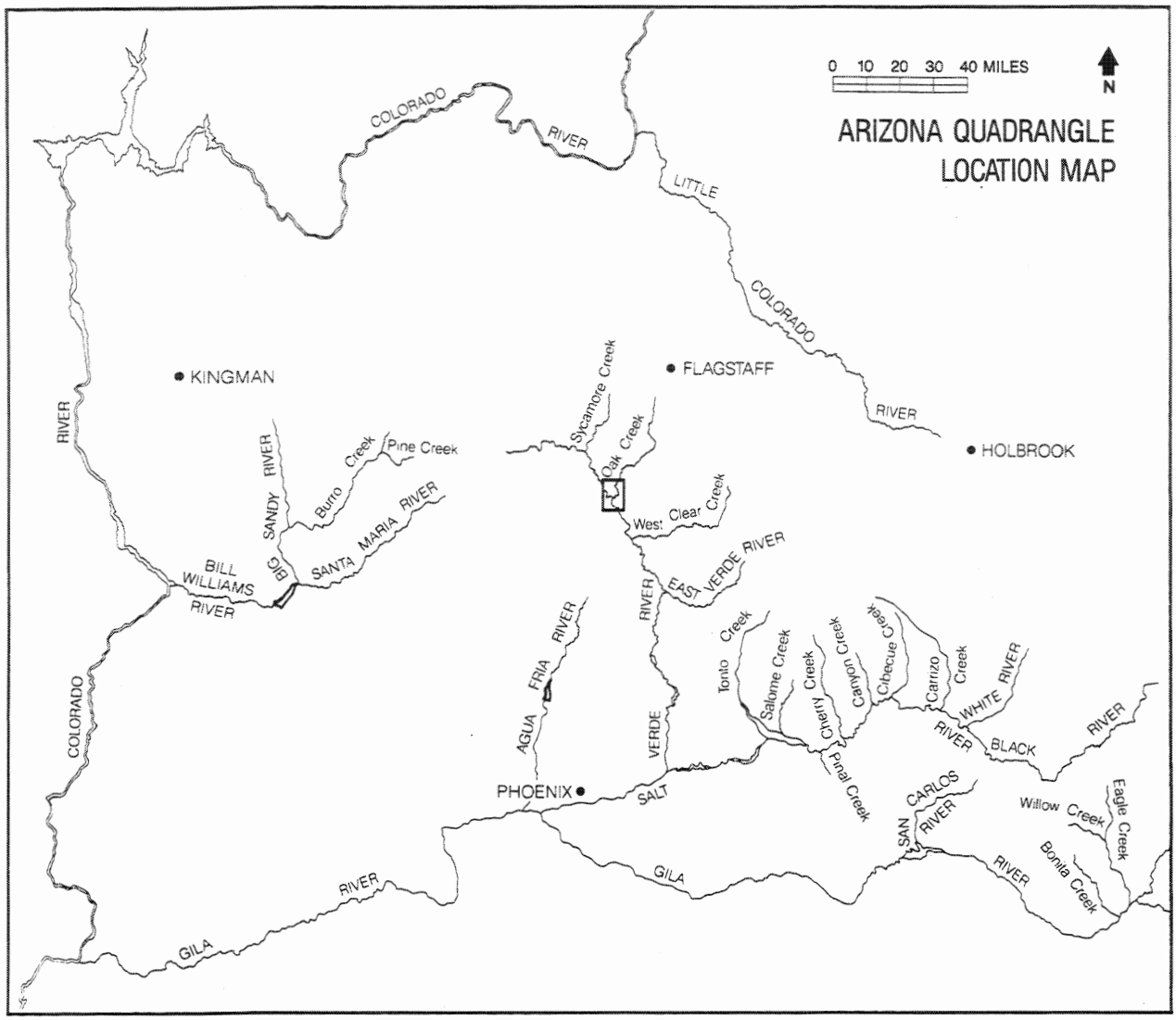
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

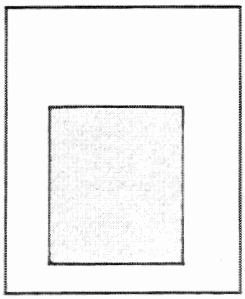
Verde River
Plate; VR 17

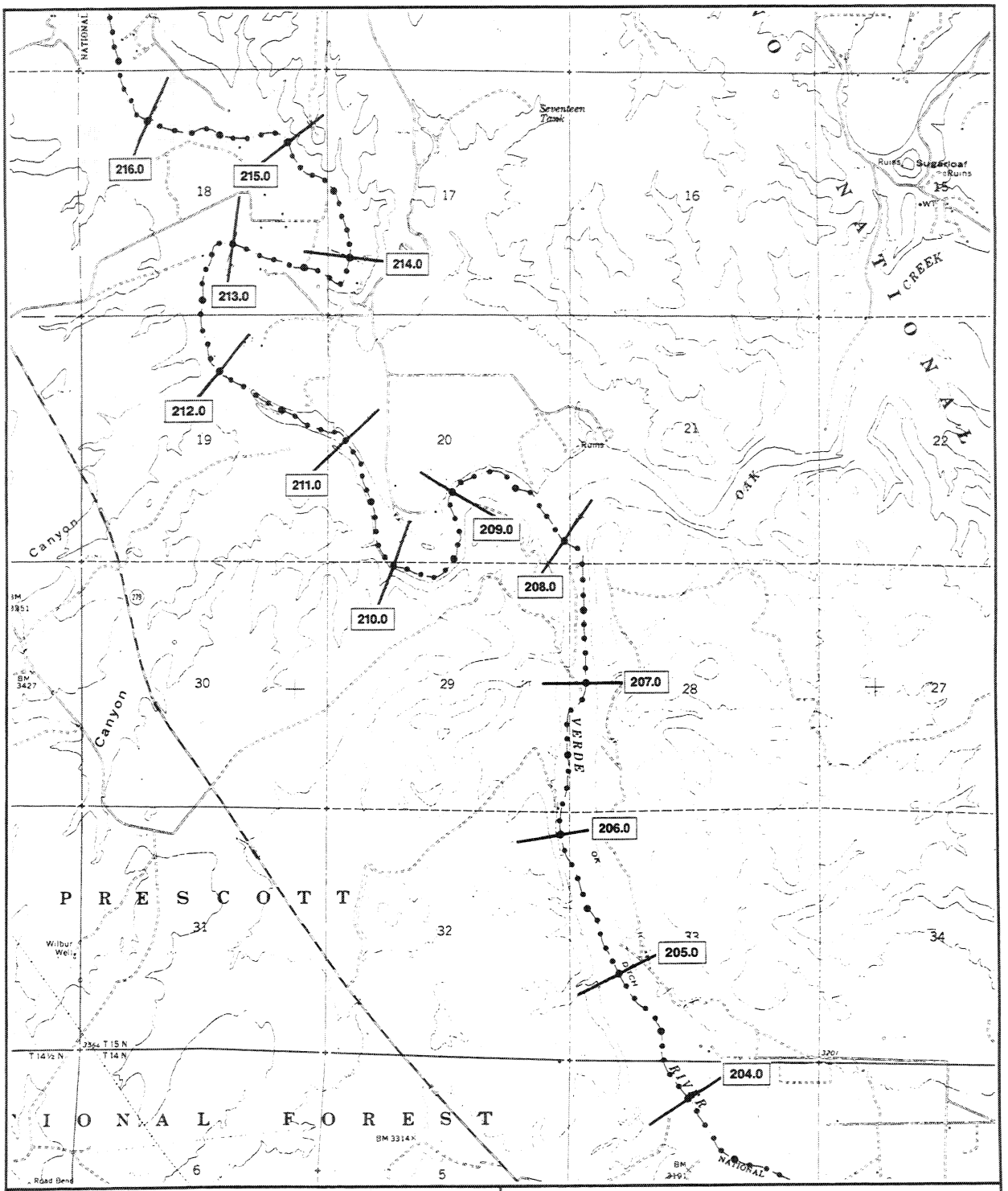
Prepared by: BioSystems Analysis, Inc.



PLATE; VR 18

CORNVILLE QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

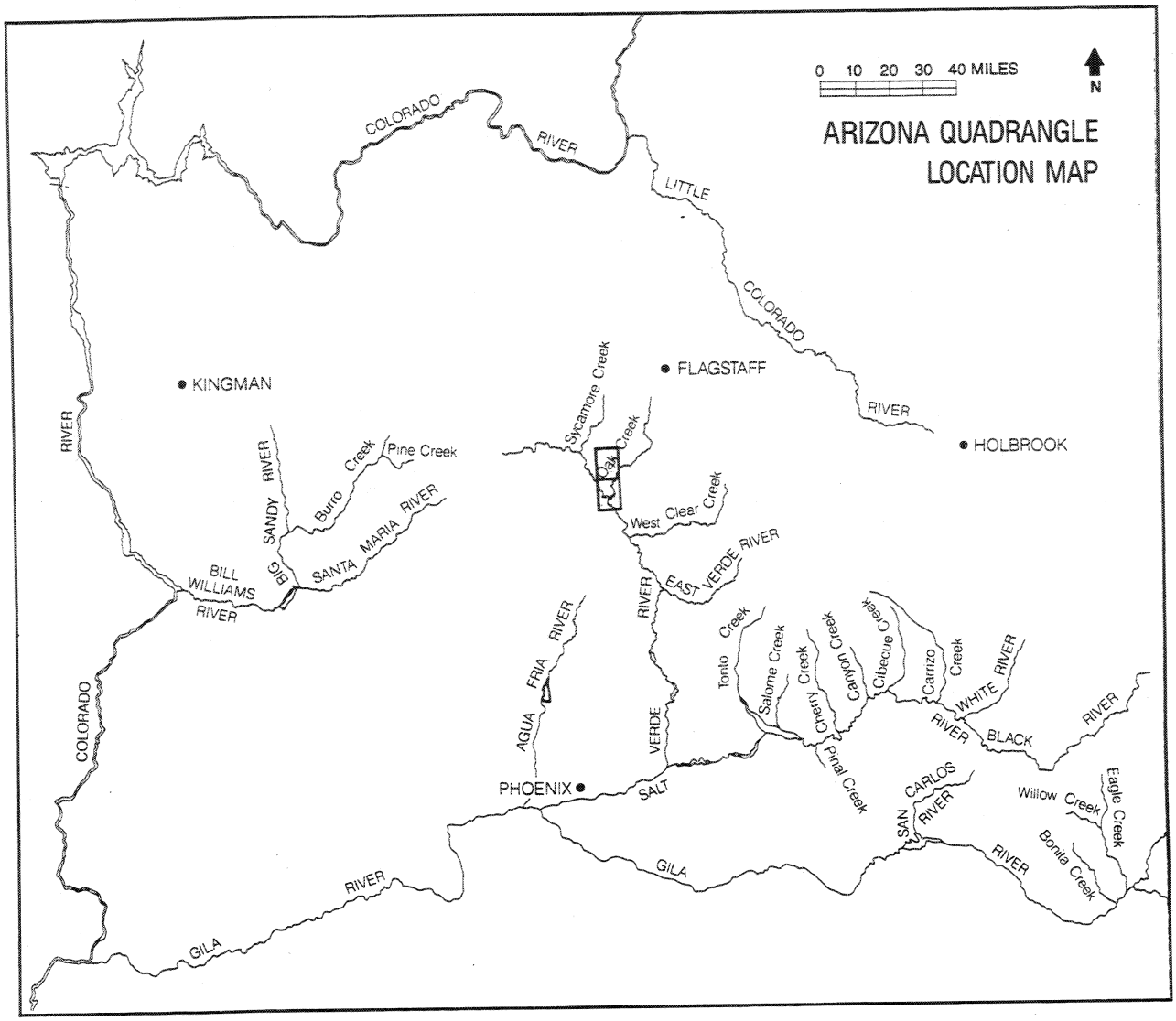
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

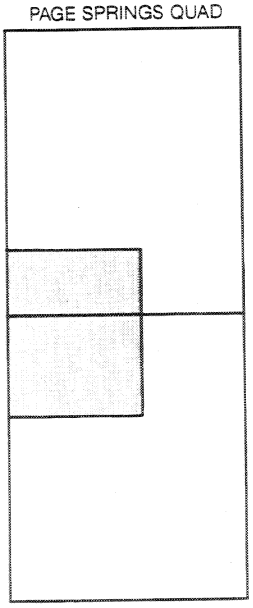
Verde River
Plate; VR 18

Prepared by: BioSystems Analysis, Inc.

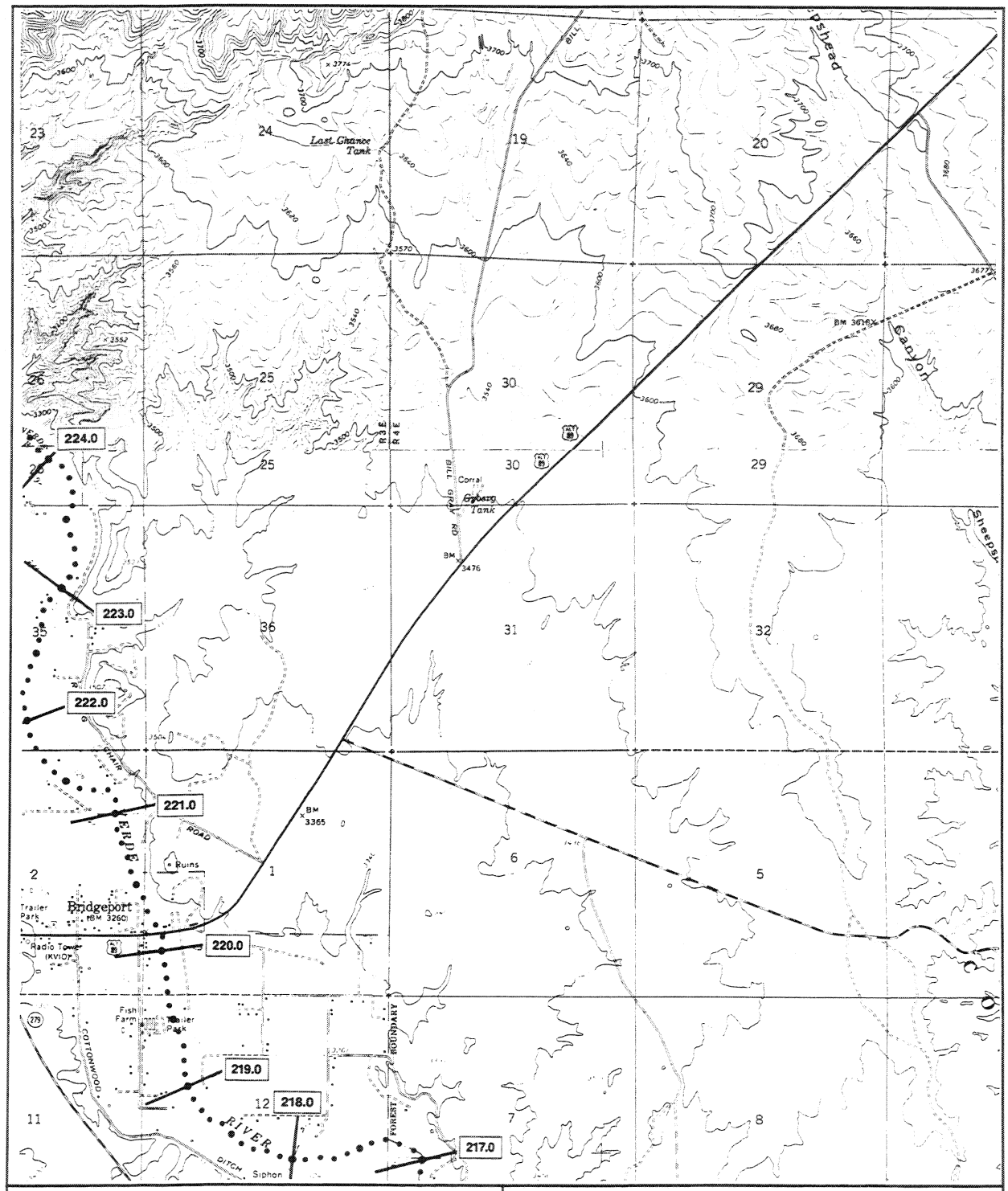


PLATE; VR 19

PAGE SPRINGS QUAD



CORNVILLE QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

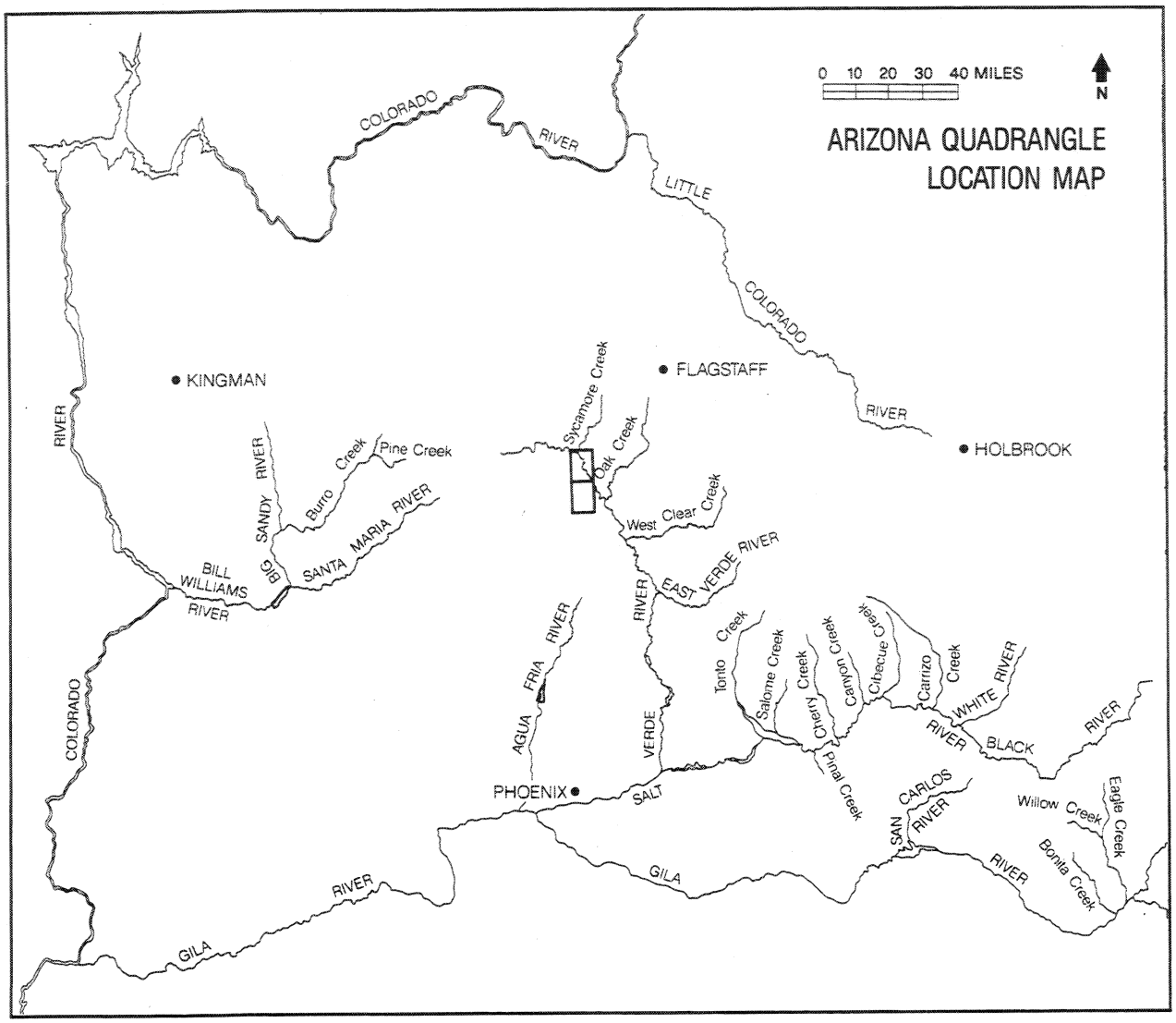
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

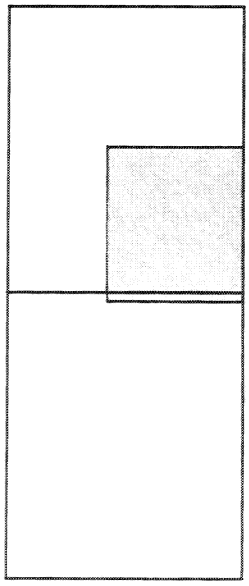
Verde River
Plate; VR 19

Prepared by: BioSystems Analysis, Inc.

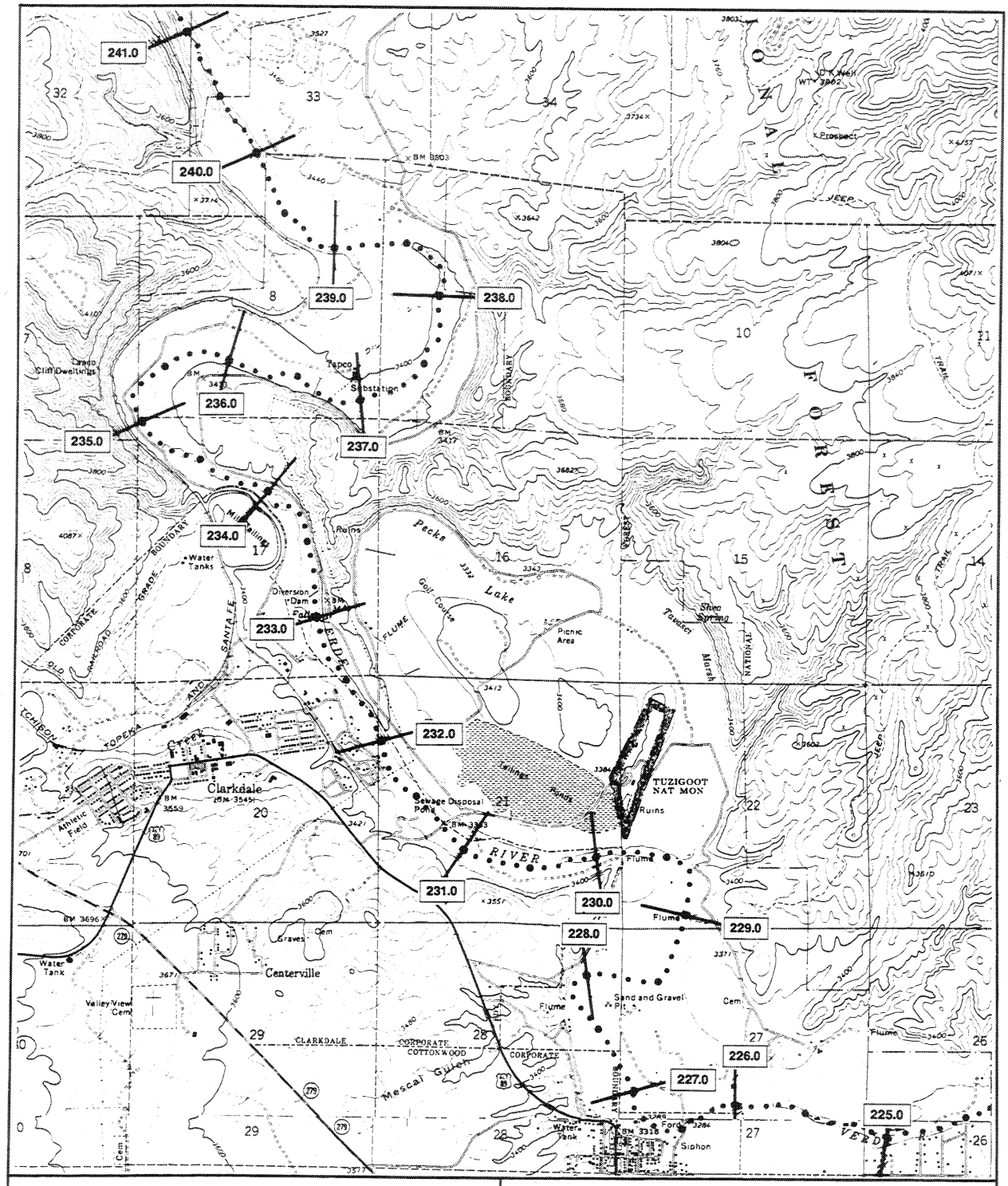


PLATE; VR 20

CLARKDALE QUAD



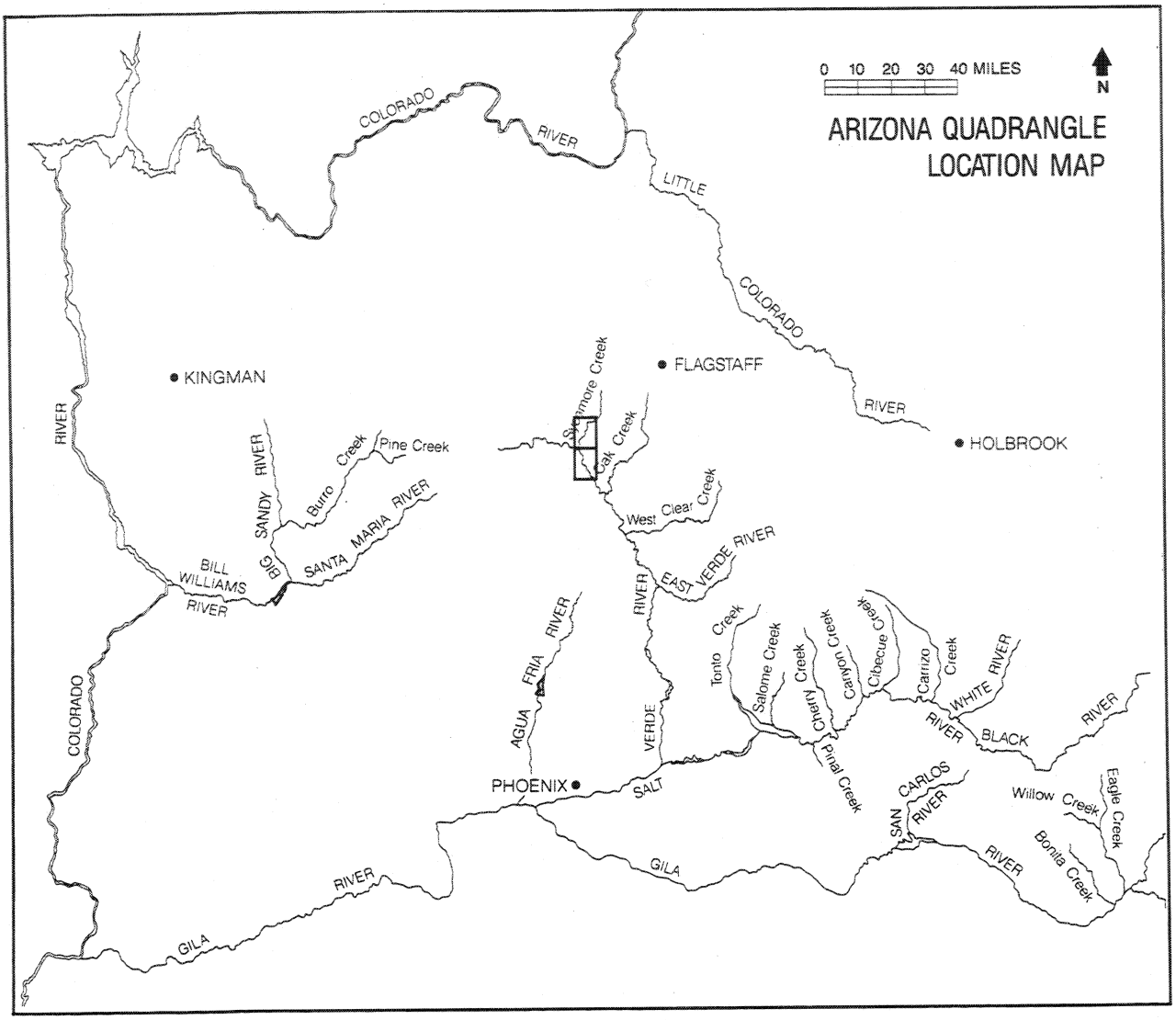
COTTONWOOD QUAD



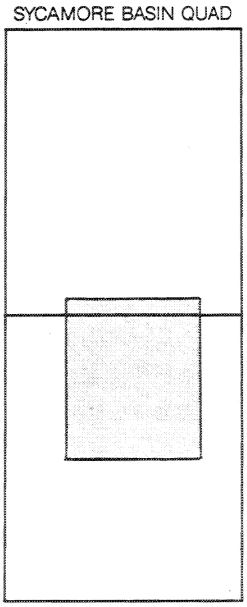
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

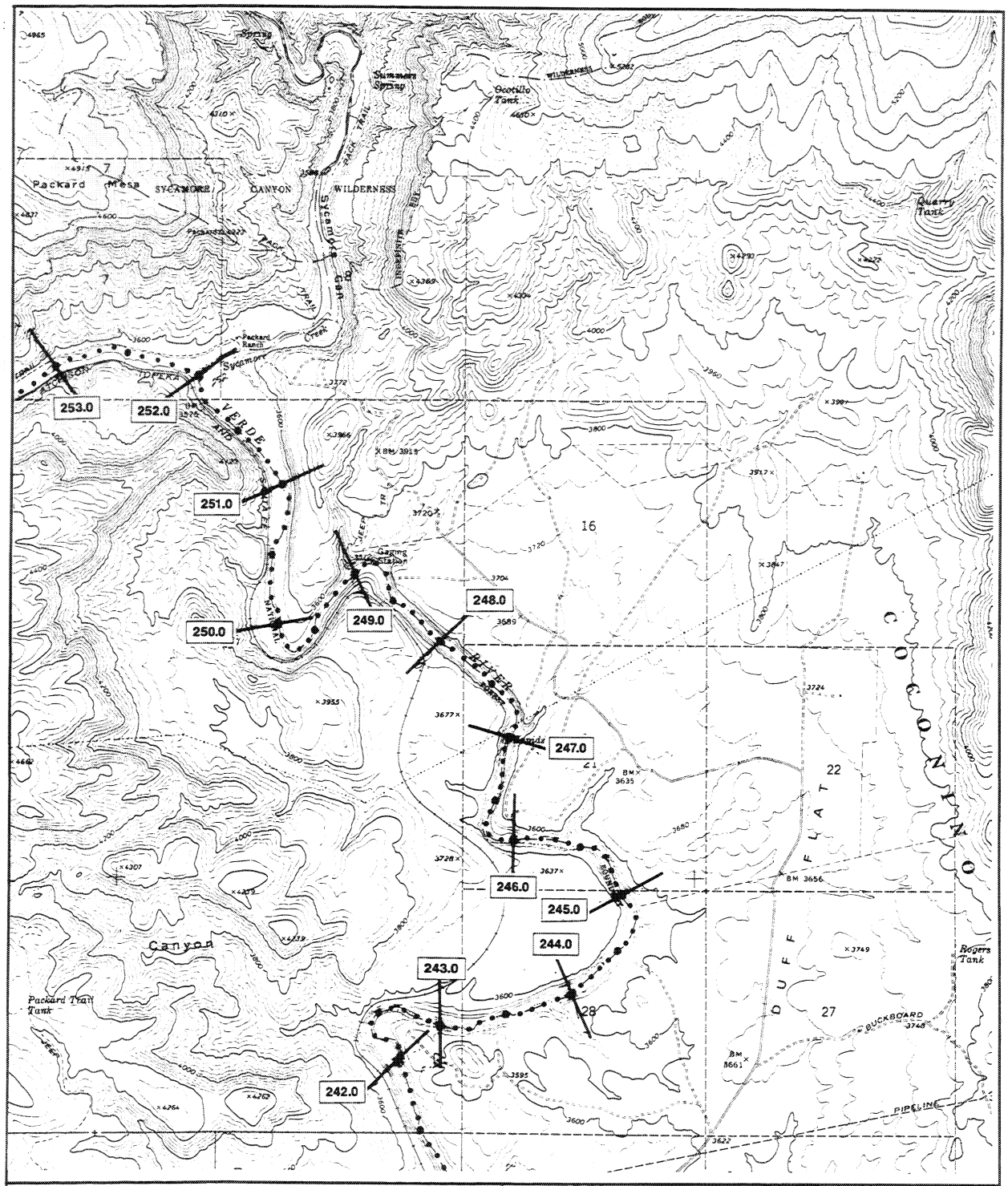
Verde River
Plate; VR 20

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO
RIVER
LITTLE
COLORADO
RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
RIVER
Pine Creek
Burro Creek
SANDY RIVER
BIG
SANTA MARIA RIVER
BILL WILLIAMS RIVER
COLORADO
RIVER
AGUA FRIA RIVER
VERDE
SALT
PHOENIX
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
GILA
RIVER
GILA
RIVER

PLATE; VR 21


SYCAMORE BASIN QUAD
CLARKDALE QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

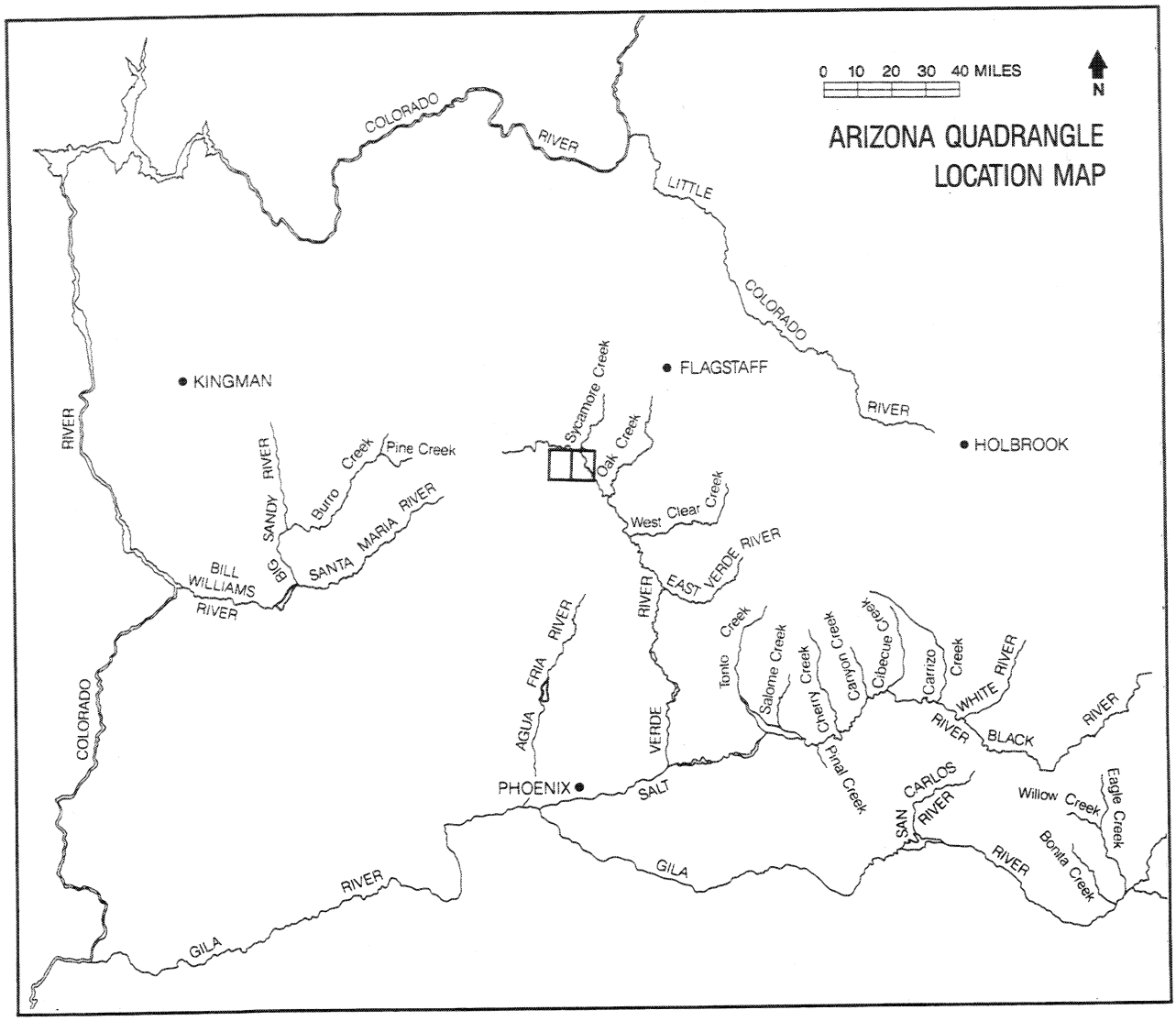
N

ARIZONA
BALD EAGLE PROJECT

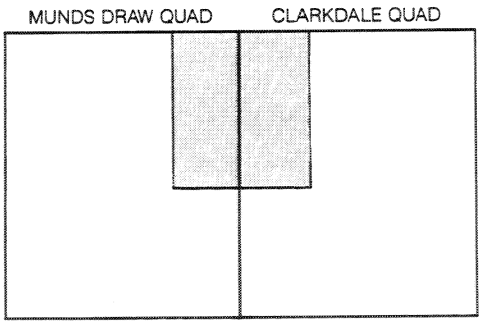
RIVER MAP ATLAS

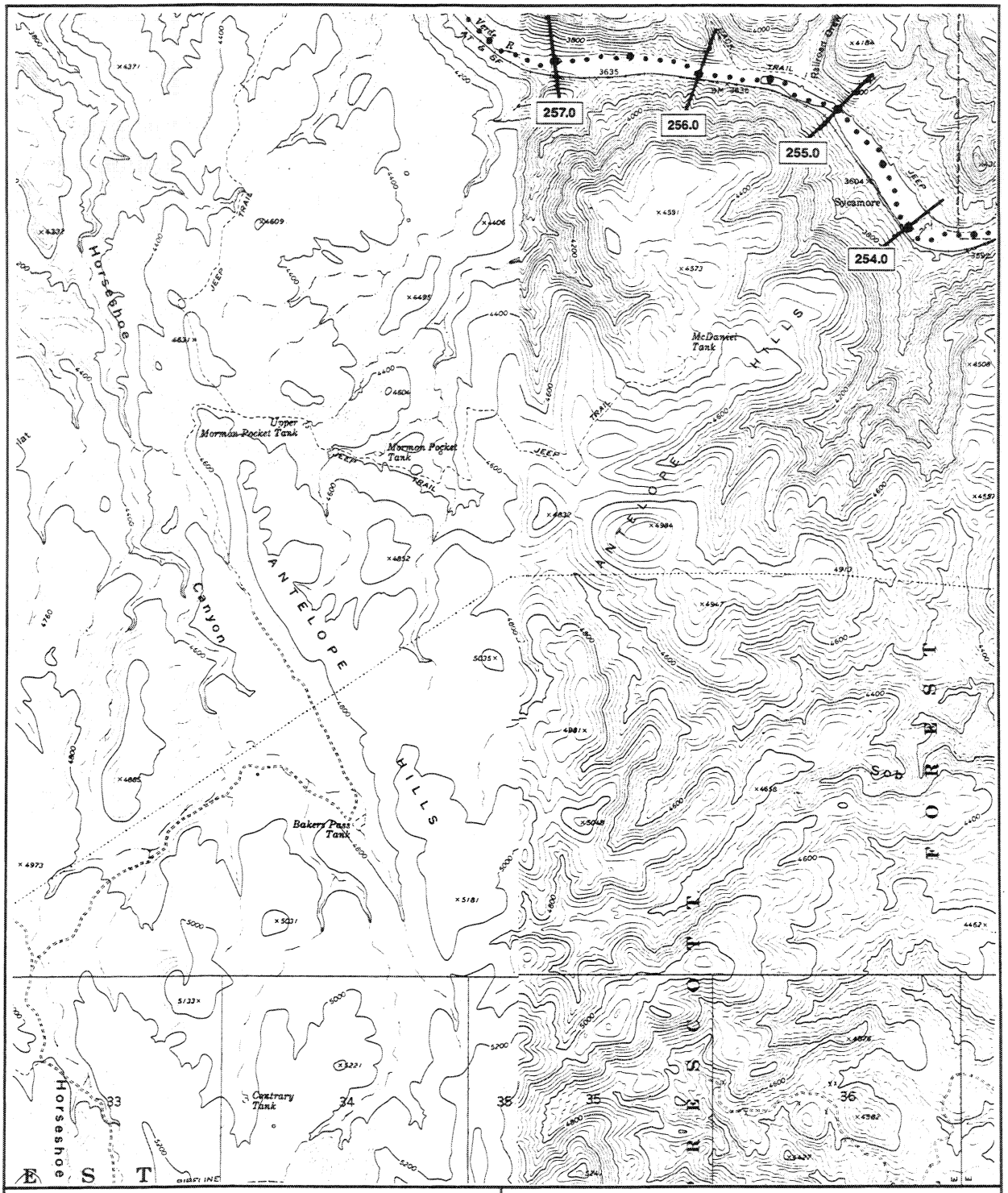
Verde River
Plate; VR 21

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO
RIVER
LITTLE
COLORADO
RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
Sycamore Creek
Oak Creek
Pine Creek
Burro Creek
SANDY RIVER
BIG
SANTA MARIA RIVER
BILL WILLIAMS RIVER
West Clear Creek
EAST VERDE RIVER
RIVER
AGUA FRIA RIVER
VERDE
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
PHOENIX
SALT
GILA
RIVER
GILA
RIVER
COLORADO

PLATE; VR 22


MUNDS DRAW QUAD
CLARKDALE QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

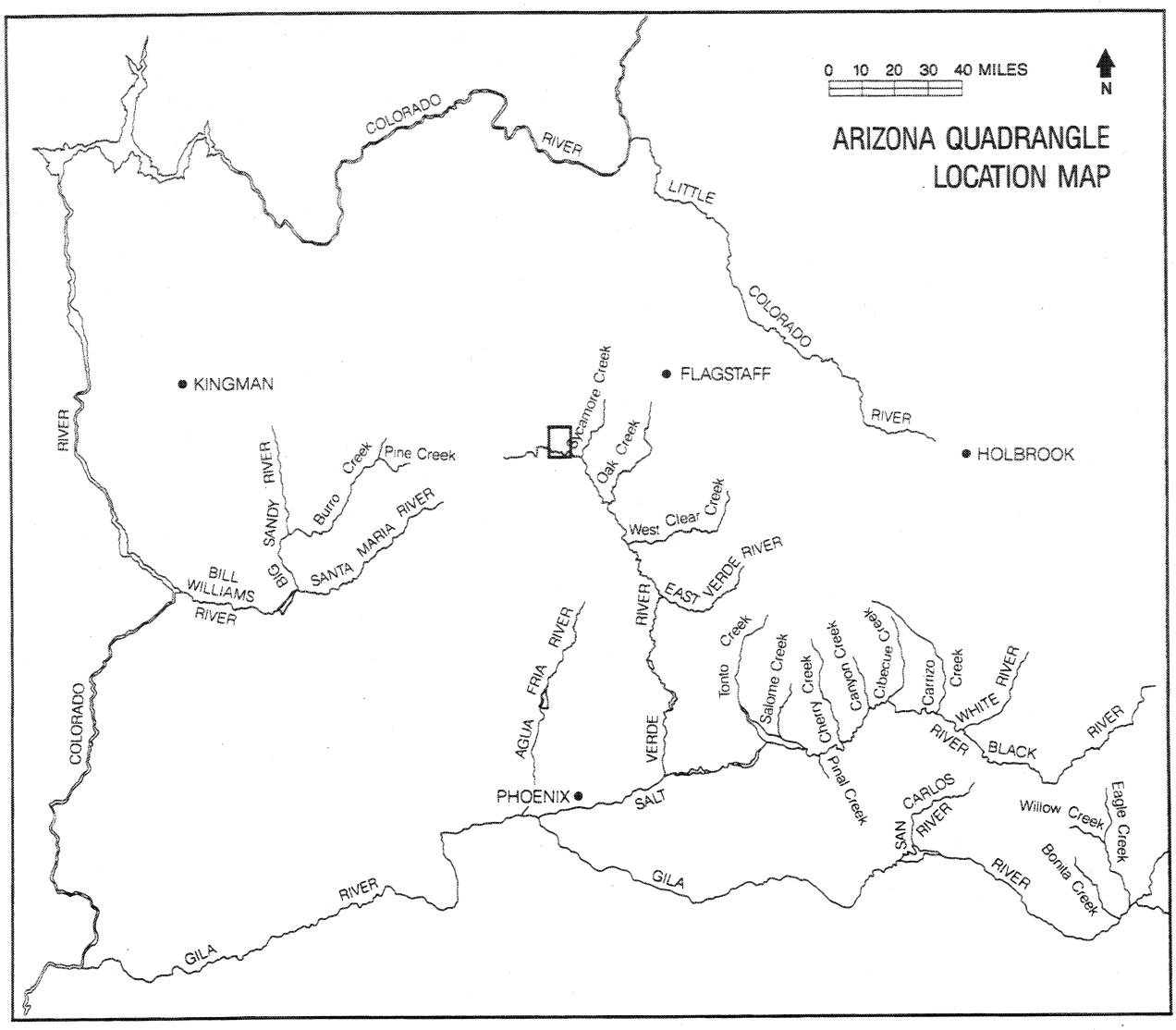
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

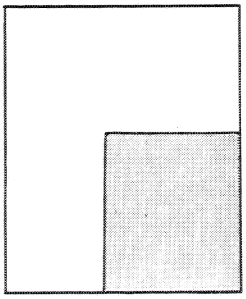
Verde River
Plate; VR 22

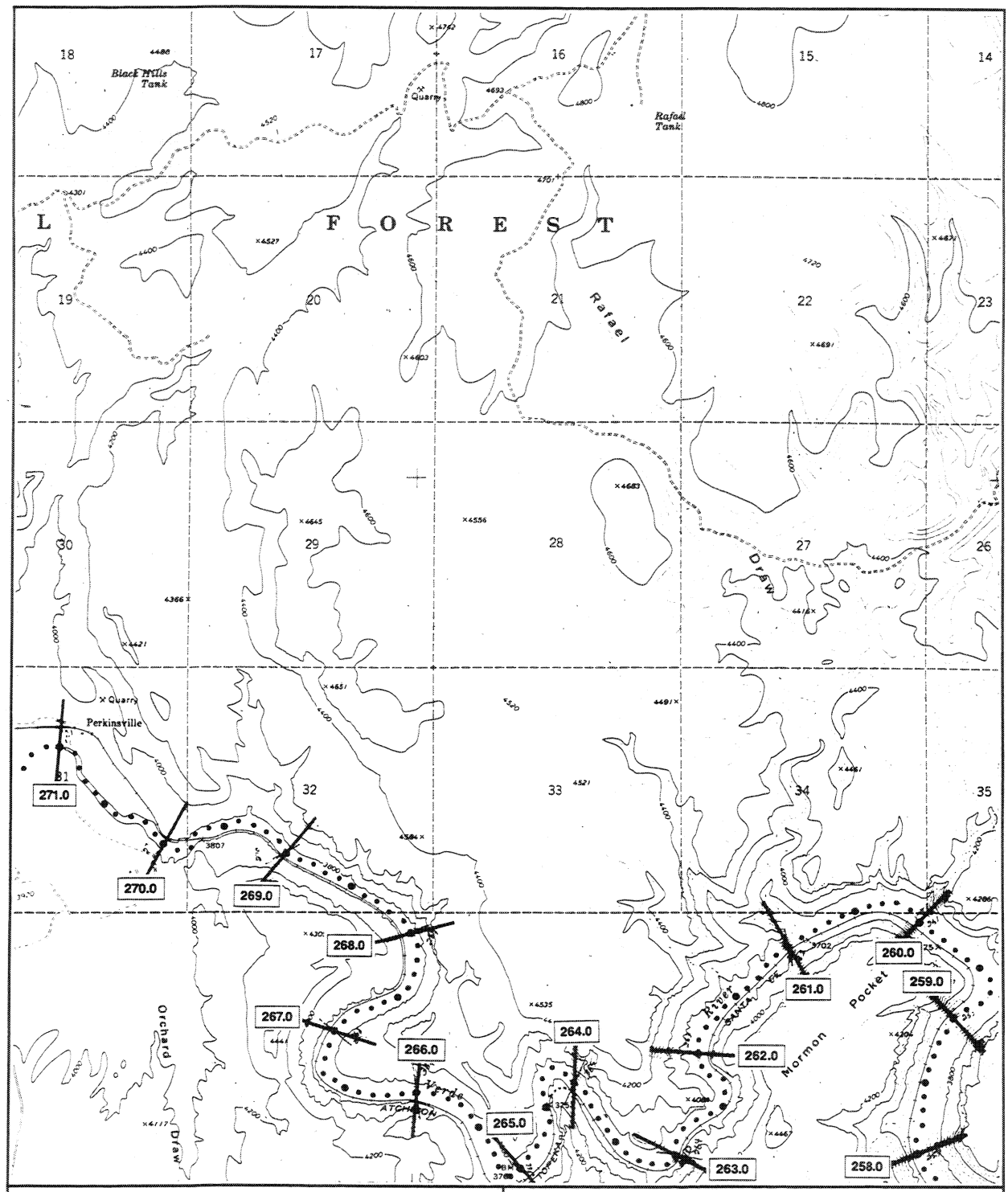
Prepared by: BioSystems Analysis, Inc.



PLATE; VR 23

PERKINSVILLE QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

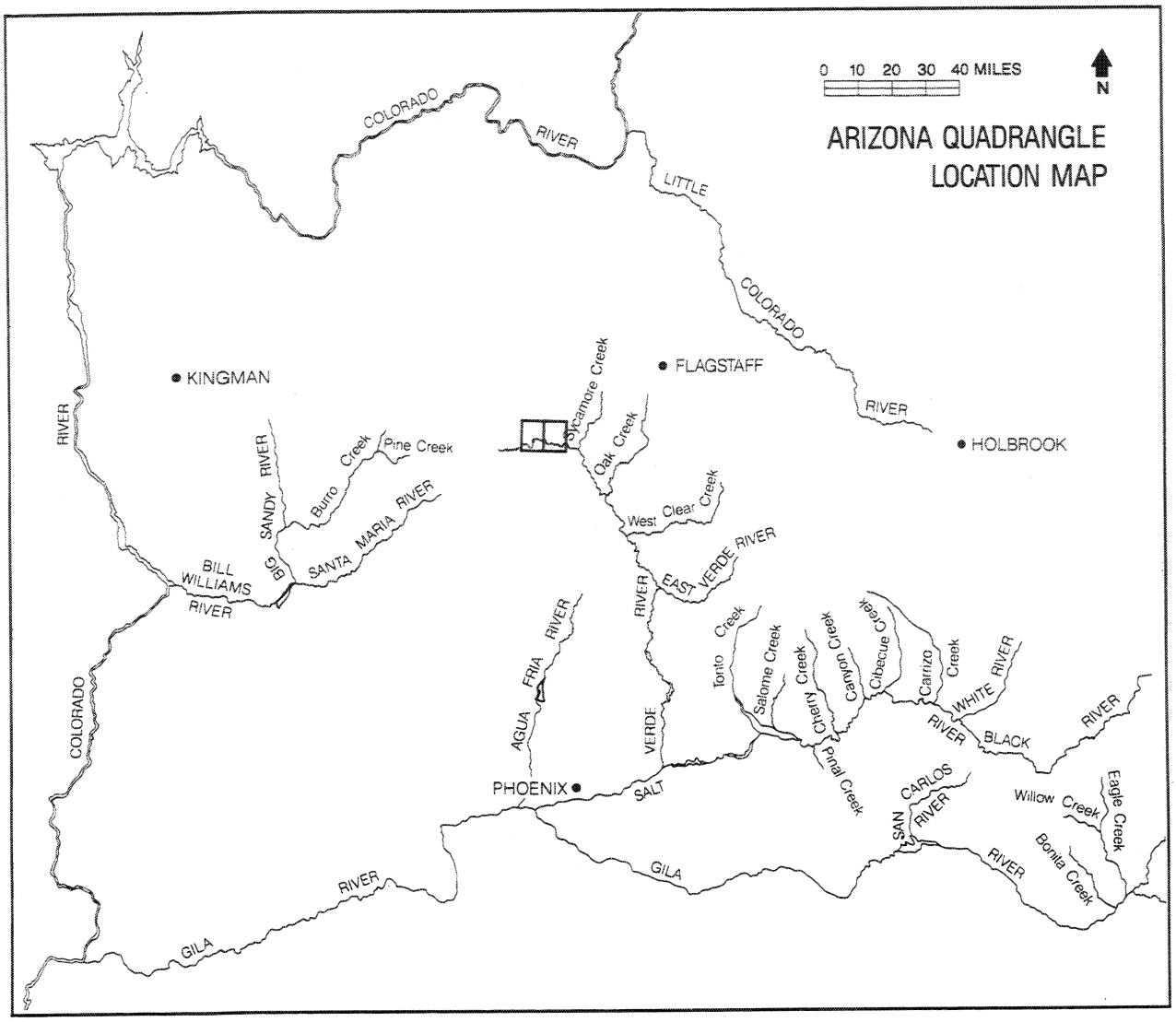
N

ARIZONA
BALD EAGLE PROJECT

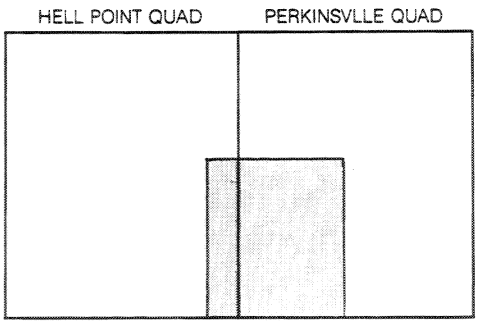
RIVER MAP ATLAS

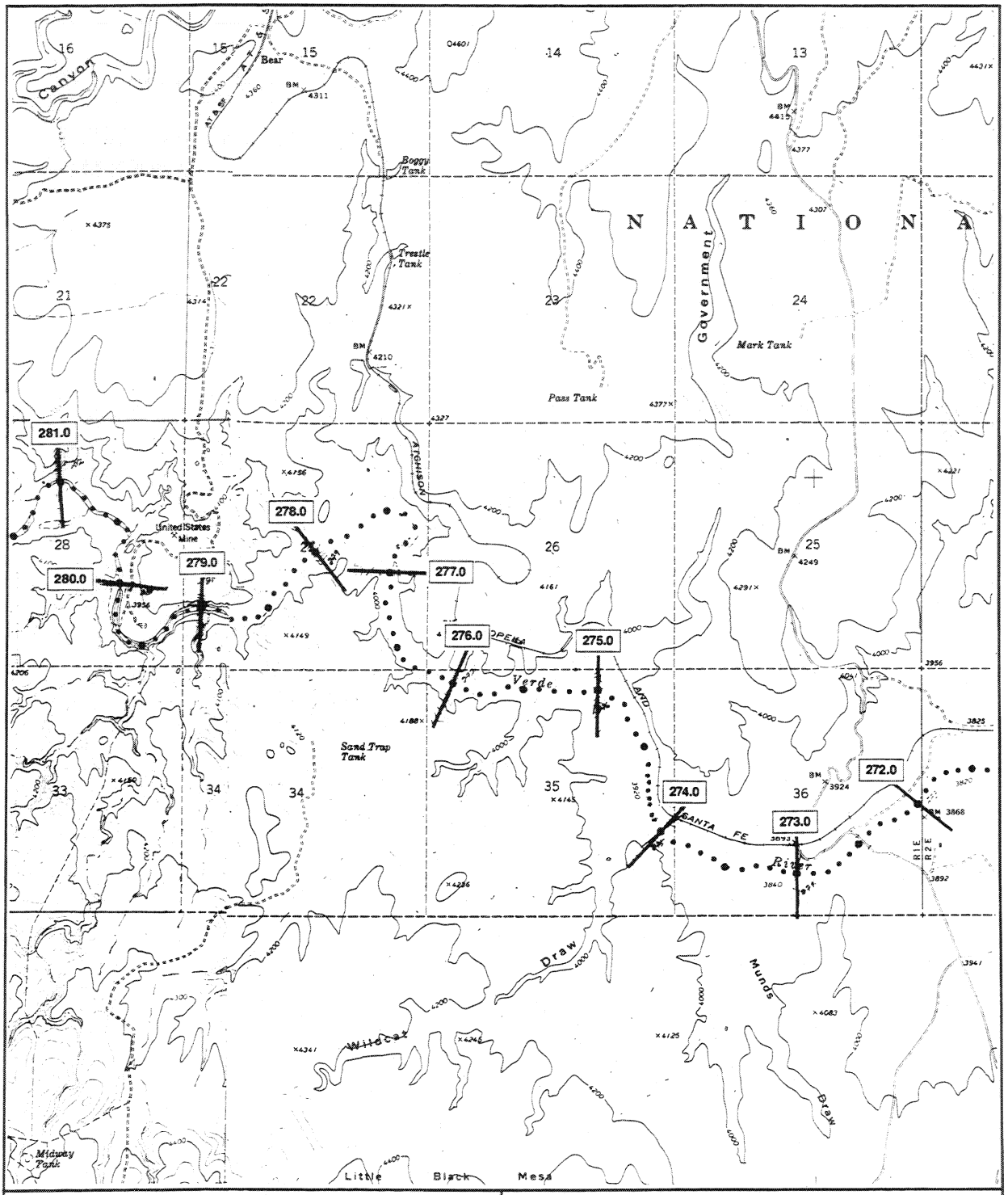
Verde River
Plate; VR 23

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO
RIVER
LITTLE
COLORADO
RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
RIVER
Pine Creek
Burro Creek
SANDY RIVER
SANTA MARIA RIVER
BIG
BILL WILLIAMS RIVER
COLORADO
RIVER
AGUA FRIA RIVER
VERDE
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
PHOENIX
SALT
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
GILA
RIVER
GILA

PLATE; VR 24


HELL POINT QUAD
PERKINSVLLE QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

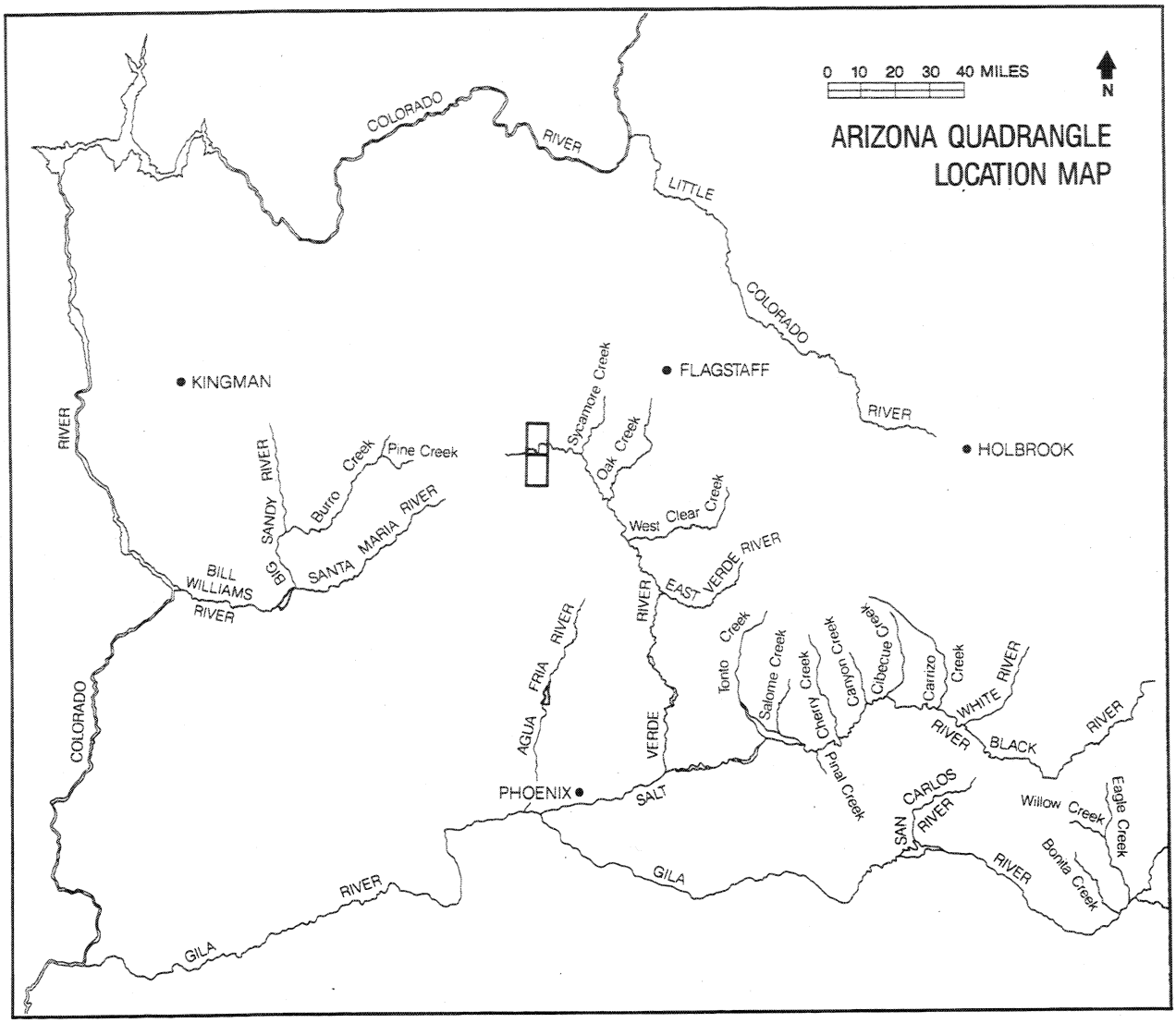
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

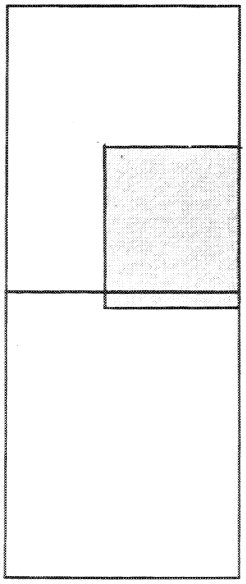
Verde River
Plate; VR 24

Prepared by: BioSystems Analysis, Inc.

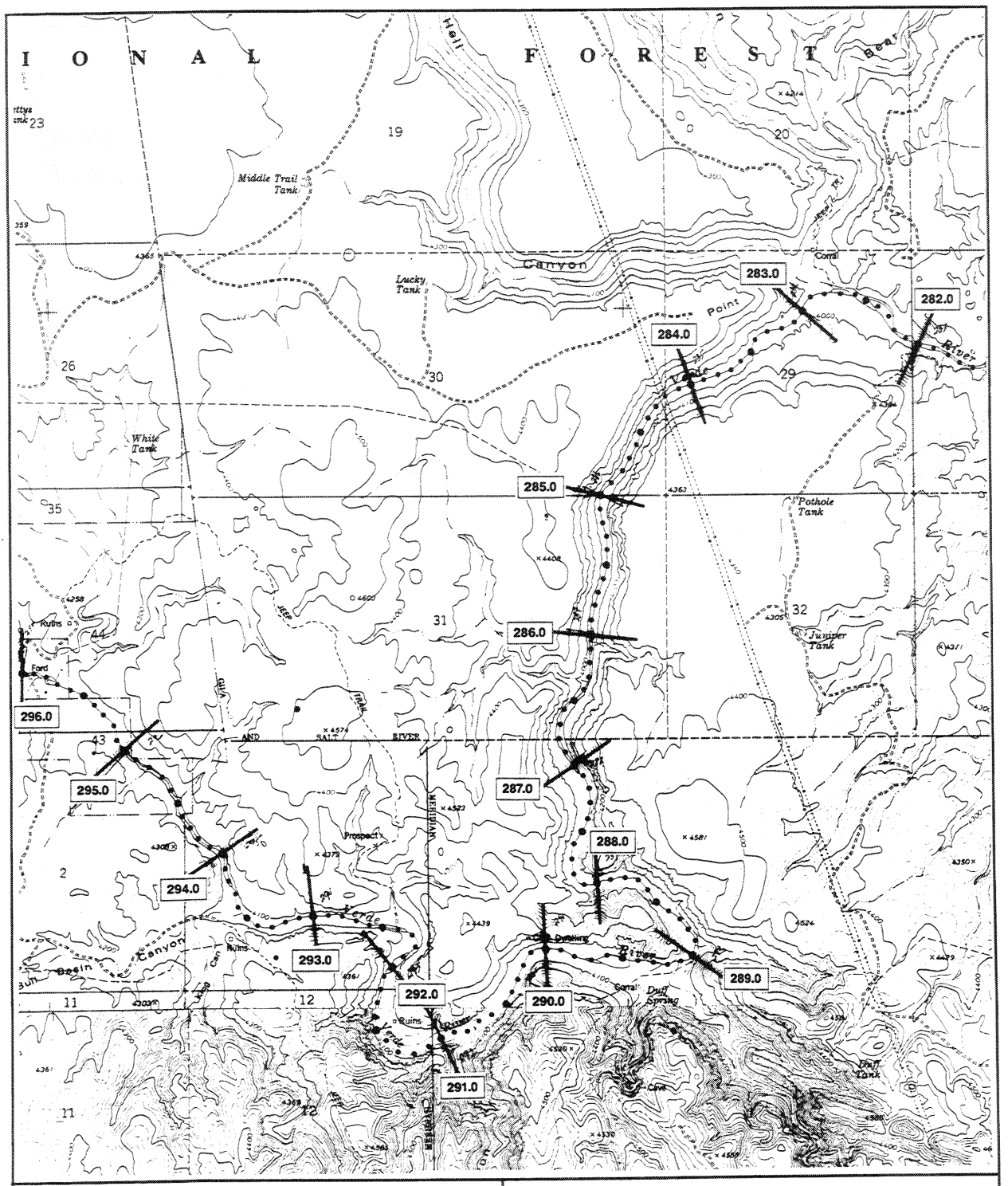


PLATE; VR 25

HELL POINT QUAD



KING CANYON QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

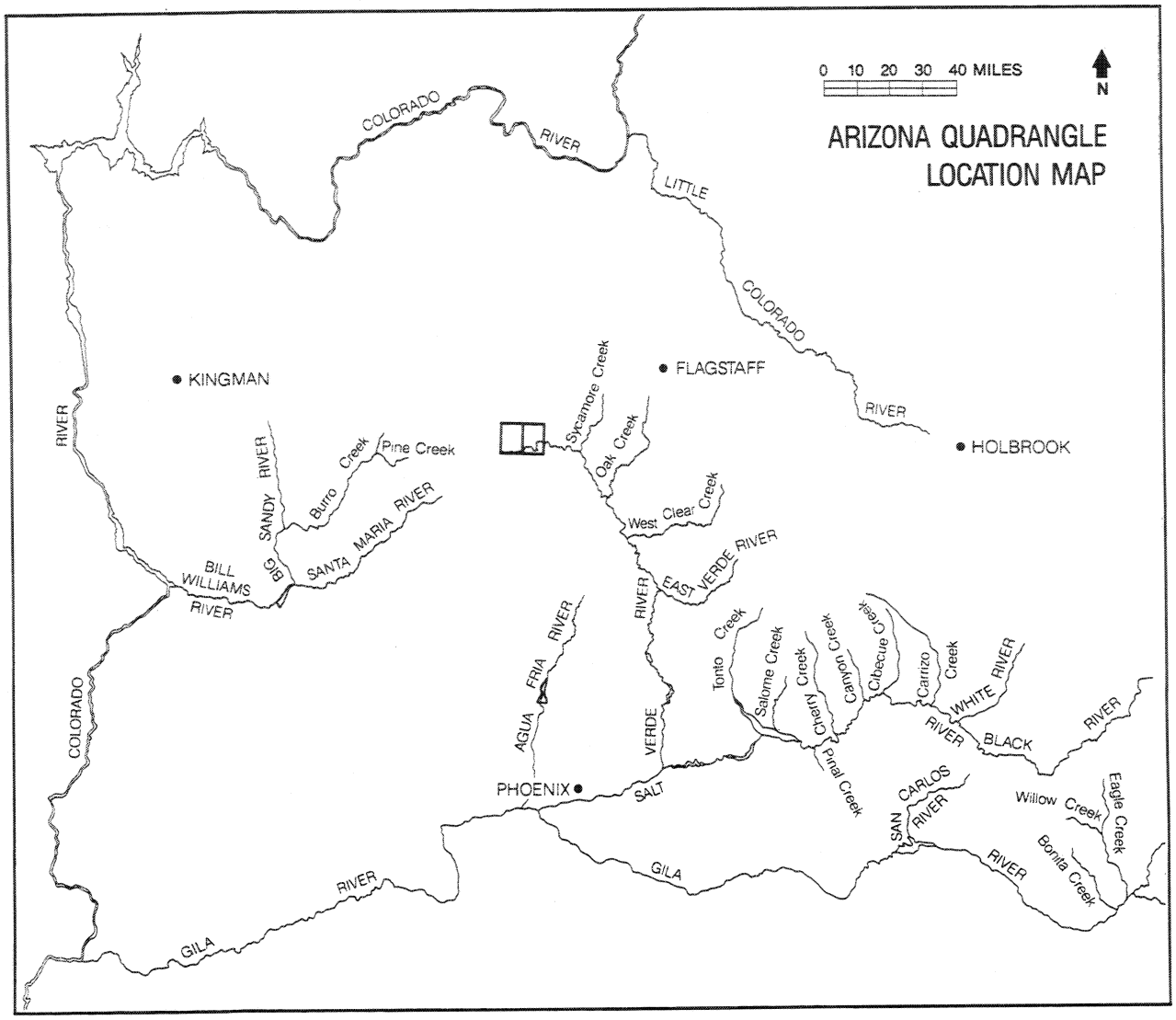
N

ARIZONA
BALD EAGLE PROJECT

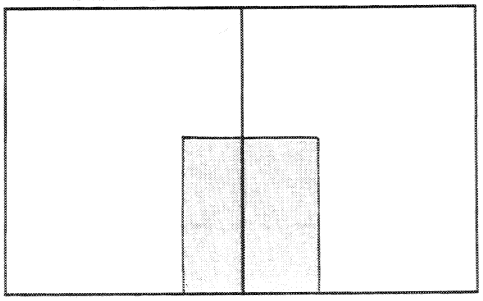
RIVER MAP ATLAS

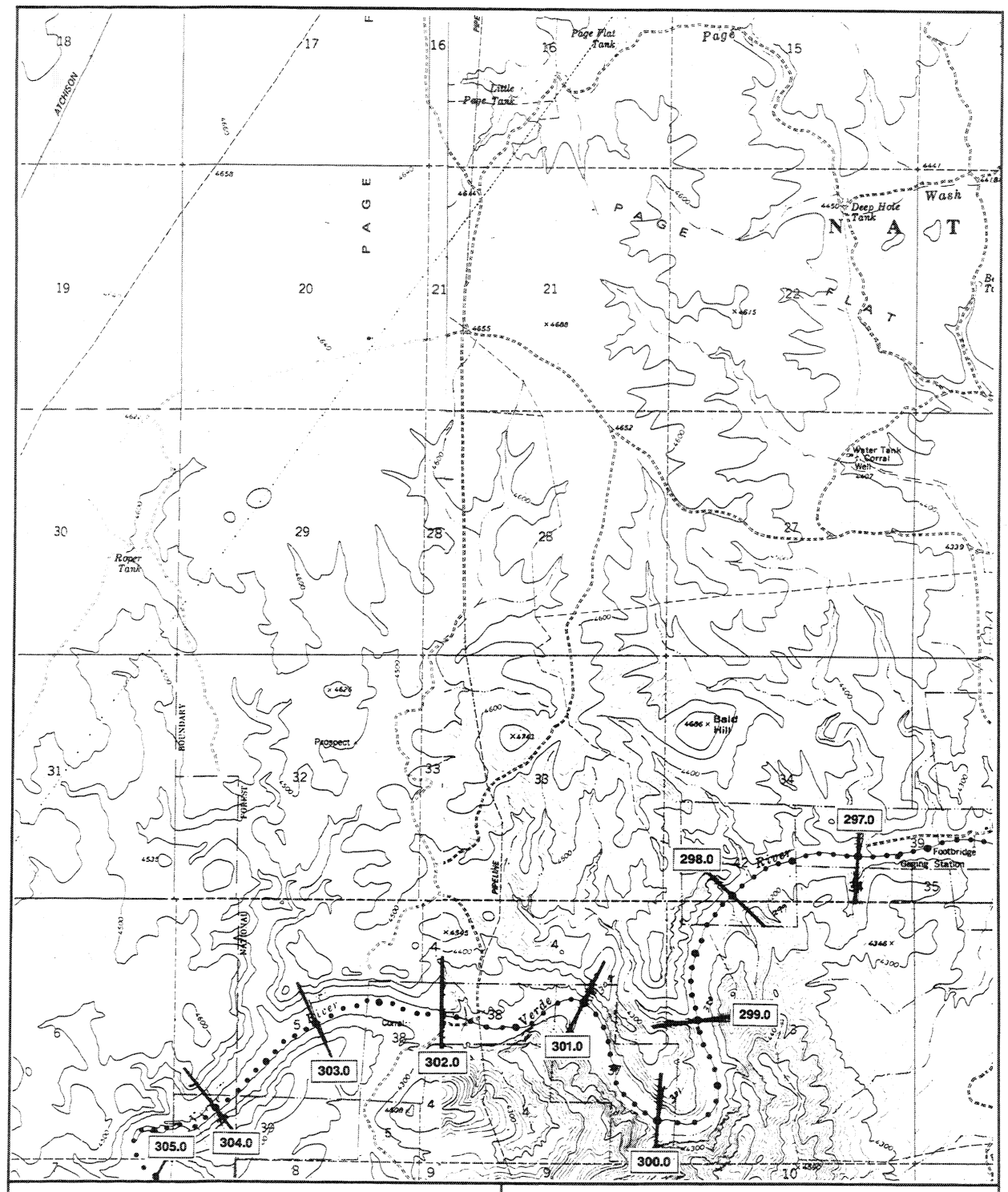
Verde River
Plate; VR 25

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
Pine Creek
Burro Creek
SANDY RIVER
SANTA MARIA RIVER
BIG BILL WILLIAMS RIVER
AGUA FRIA RIVER
VERDE RIVER
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
SALT RIVER
GILA RIVER

PLATE; VR 26


PAULDEN QUAD
HELL POINT QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

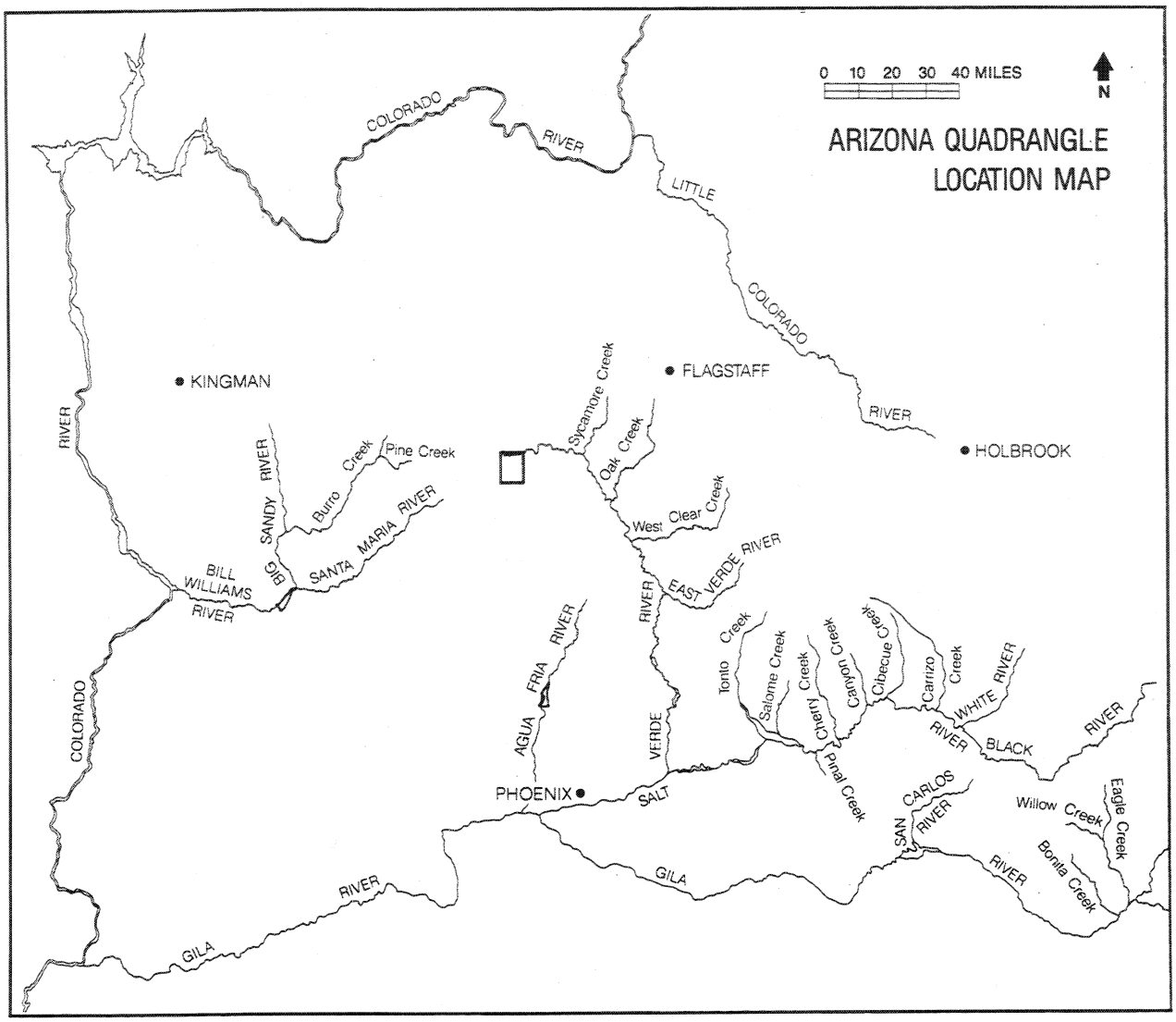
0 .5 1 KILOMETER

N

ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

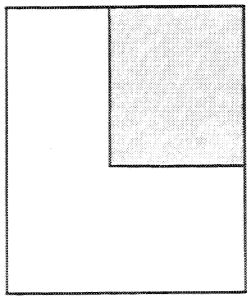
Verde River
Plate; VR 26

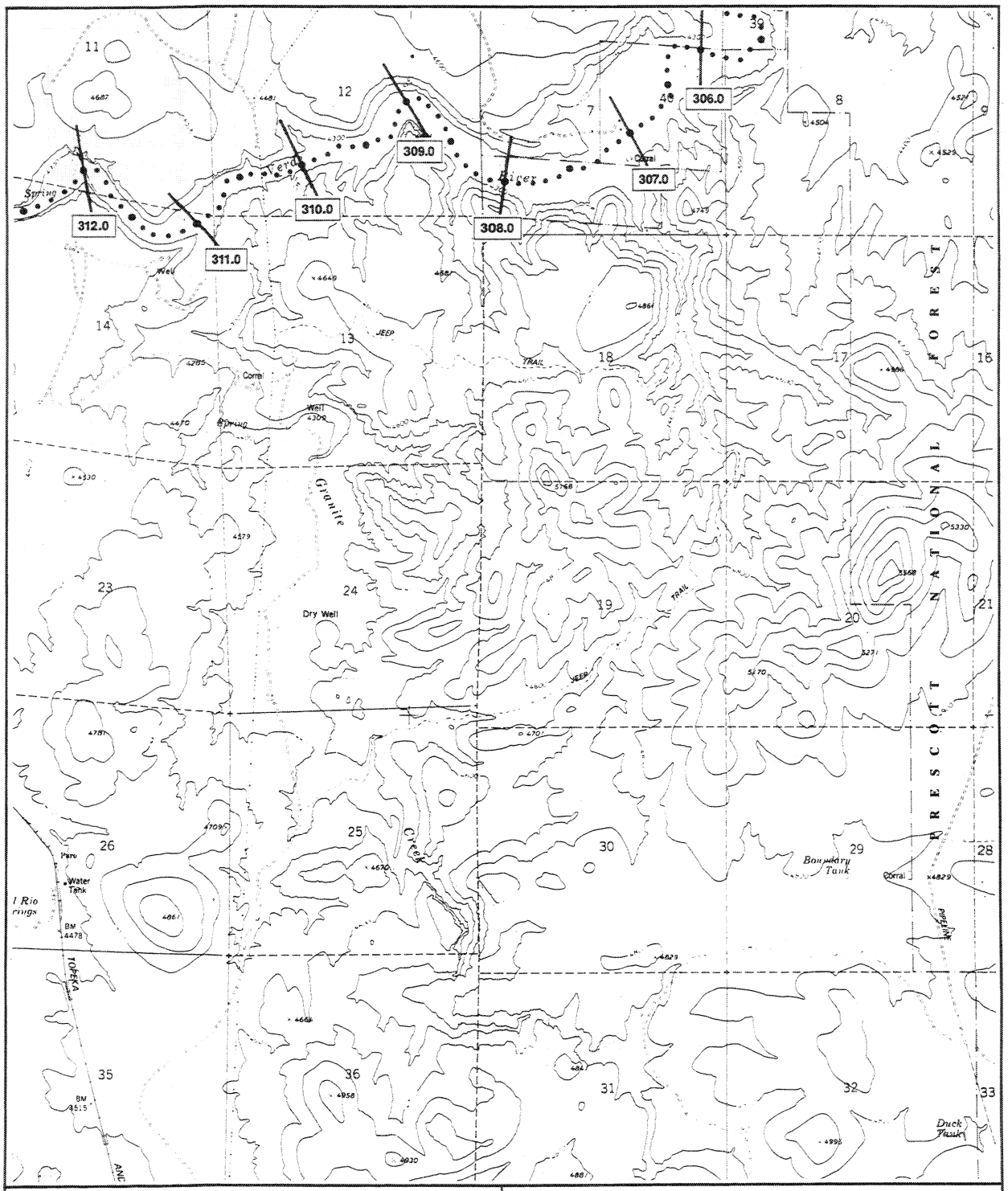
Prepared by: BioSystems Analysis, Inc.



PLATE; VR 27

CHINO VALLEY NORTH
QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

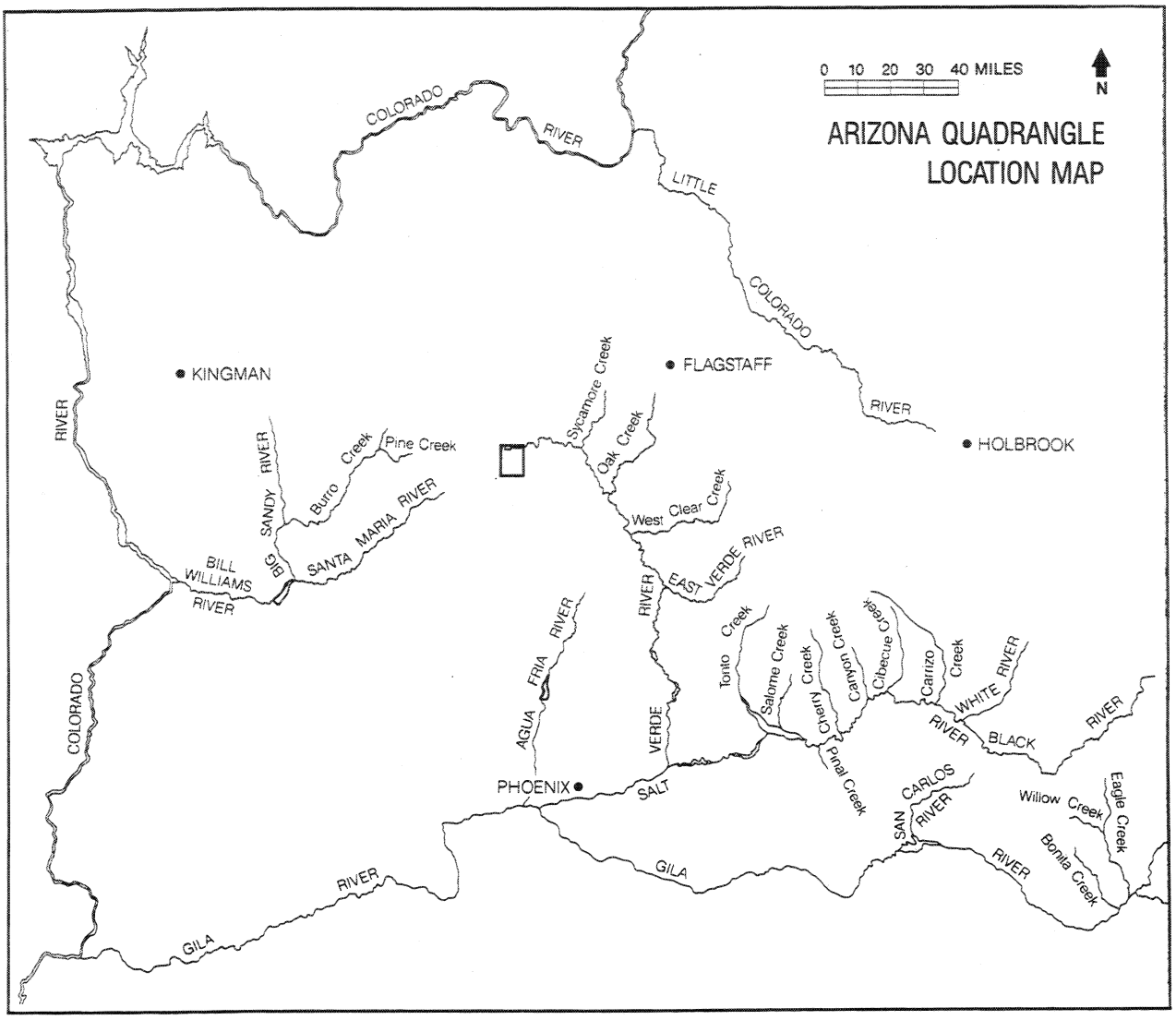
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

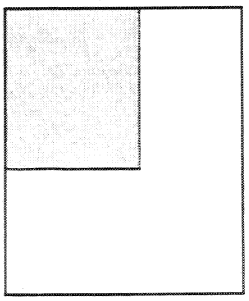
Verde River
Plate; VR 27

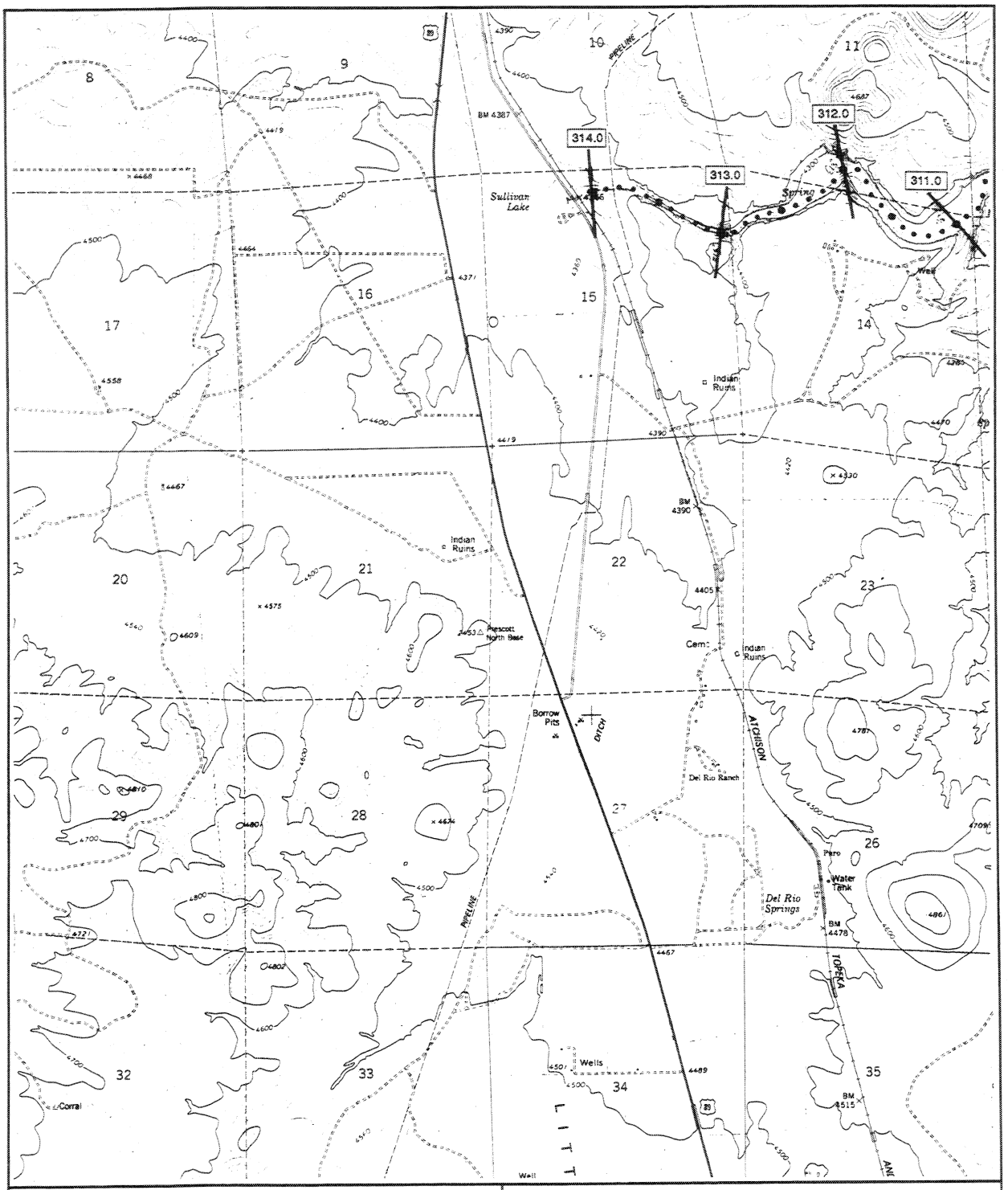
Prepared by: BioSystems Analysis, Inc.



PLATE; VR 28

CHINO VALLEY NORTH QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

N

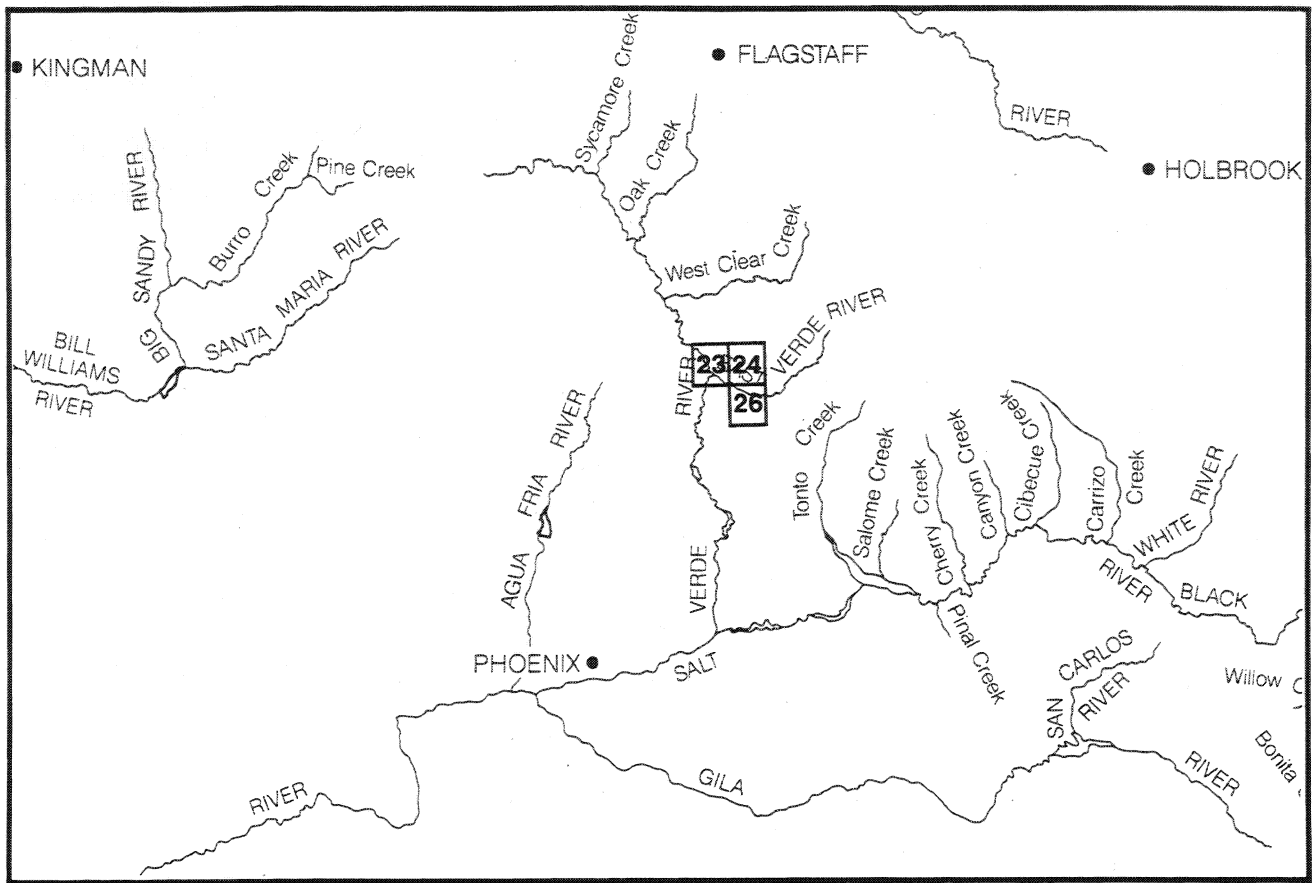
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

Verde River
Plate; VR 28

Prepared by: BioSystems Analysis, Inc.

EAST VERDE RIVER

KILOMETER 0.0-22.4



LEGEND

EVR = EAST VERDE RIVER

MILES

0 10 20 30

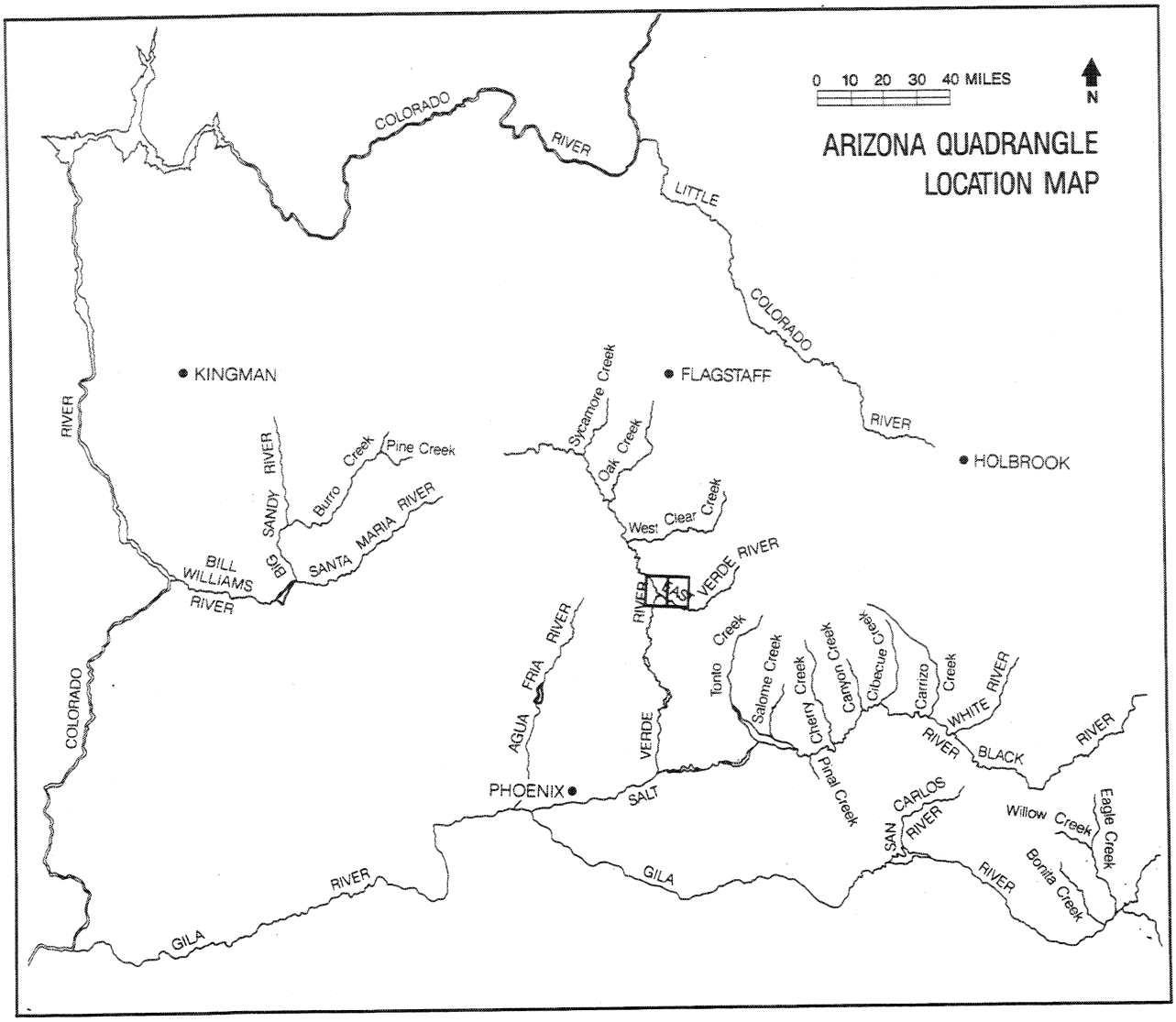
N

INDEX TO ARIZONA QUADRANGLES COVERING THE EAST VERDE RIVER

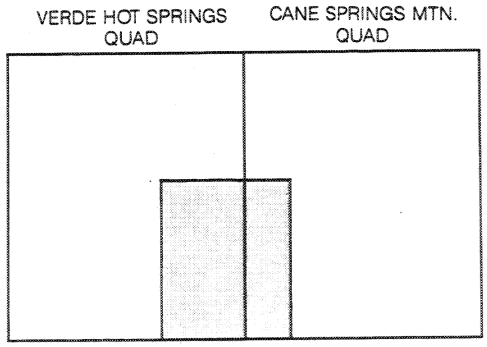
23: Verde Hot Springs Quadrangle; 7½′; PLATE EVR 1
24: Cane Springs Mtn. Quadrangle; 7½′; PLATE EVR 1, EVR 2
26: Cypress Butte Quadrangle ; 7½′; PLATE EVR 2, EVR 3

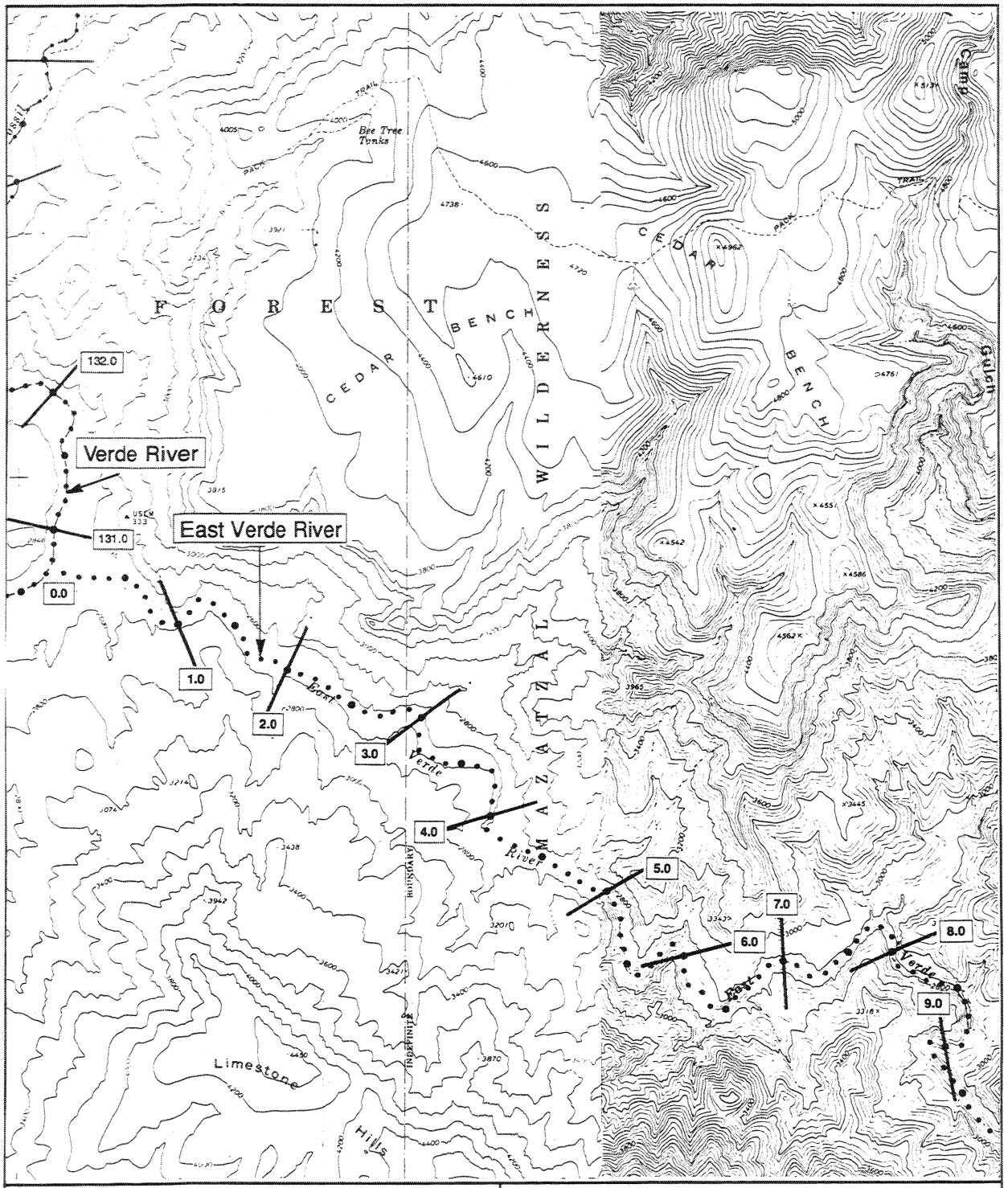
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

Prepared by: BioSystems Analysis, Inc.


0 10 20 30 40 MILES
N
ARIZONA QUADRANGLE
LOCATION MAP
COLORADO
RIVER
LITTLE
COLORADO
RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
RIVER
Sycamore Creek
Oak Creek
Pine Creek
Burro Creek
SANDY RIVER
BIG
SANTA MARIA RIVER
West Clear Creek
VERDE RIVER
BILL WILLIAMS RIVER
EAST
RIVER
AGUA FRIA RIVER
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
RIVER
BLACK
RIVER
COLORADO
VERDE
Pinal Creek
PHOENIX
SALT
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
RIVER
GILA
RIVER
GILA

PLATE; EVR 1


VERDE HOT SPRINGS QUAD
CANE SPRINGS MTN. QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

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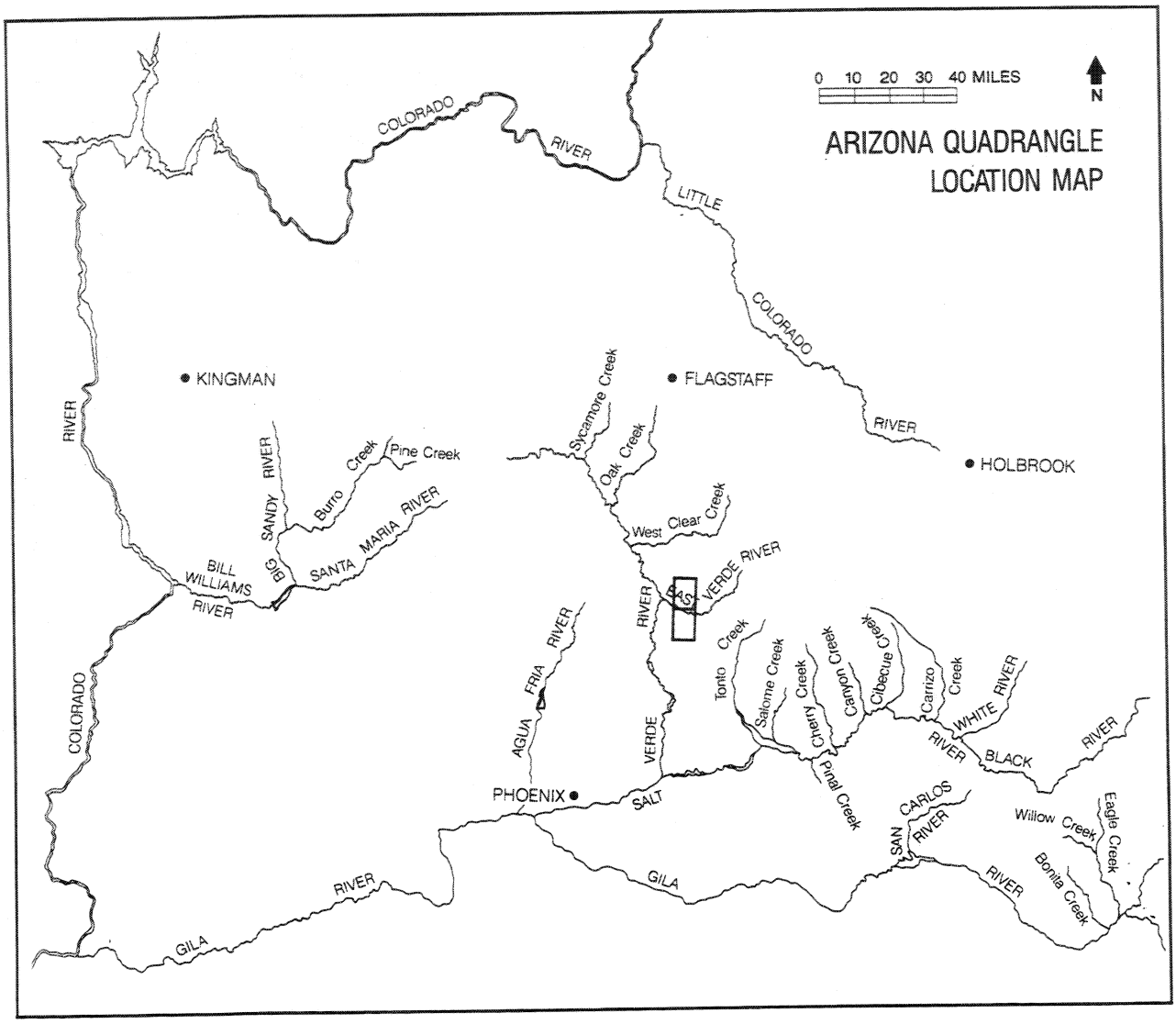
ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

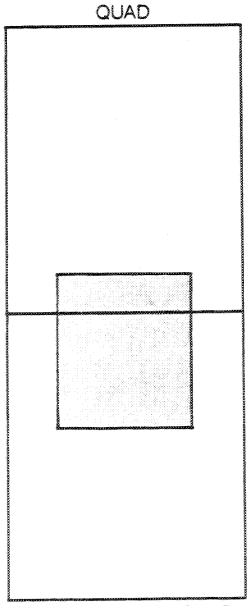
East Verde River
Plate; EVR 1

Prepared by: BioSystems Analysis, Inc.

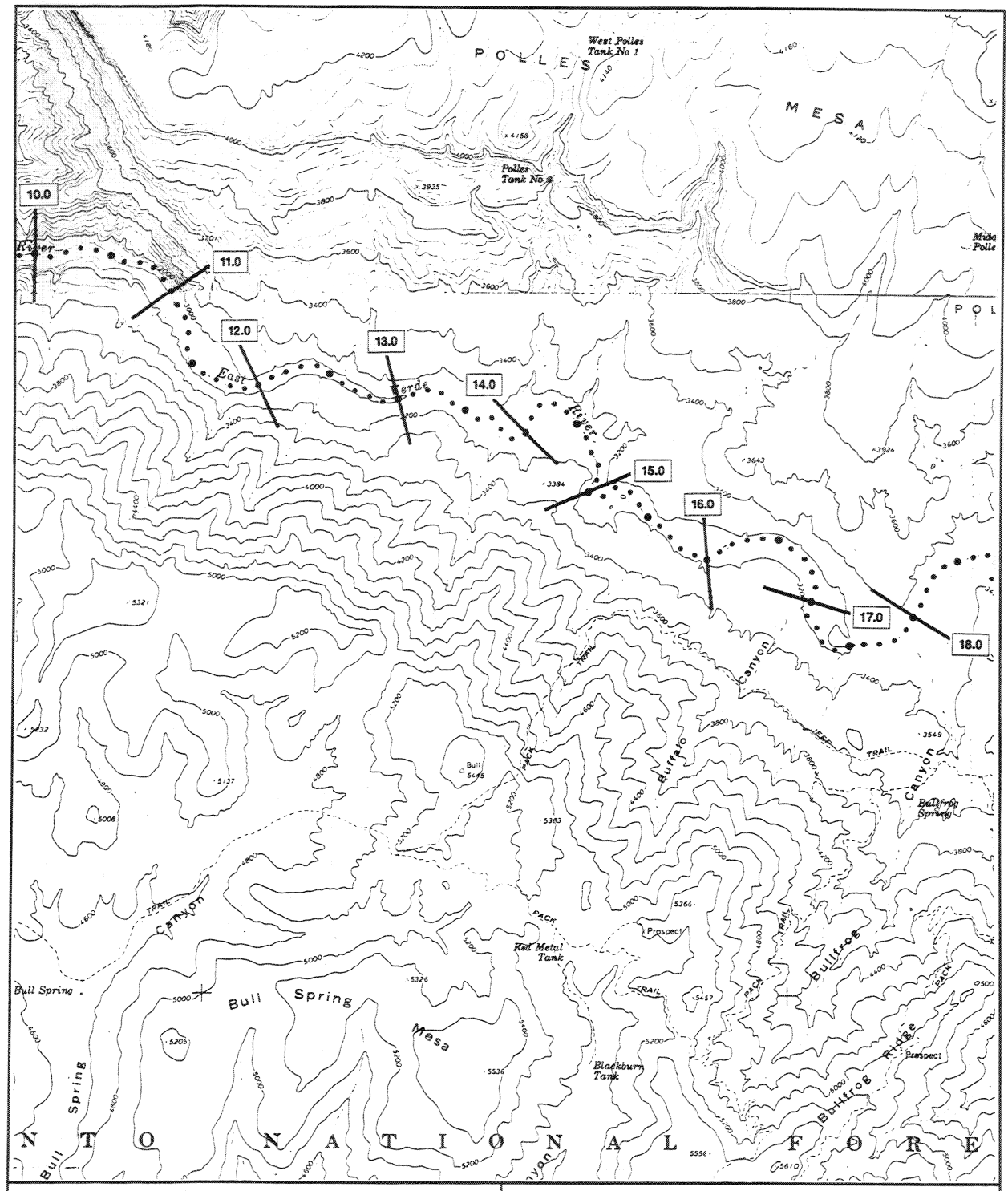


PLATE; EVR 2

CANE SPRINGS MTN. QUAD



CYPRESS BUTTE QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

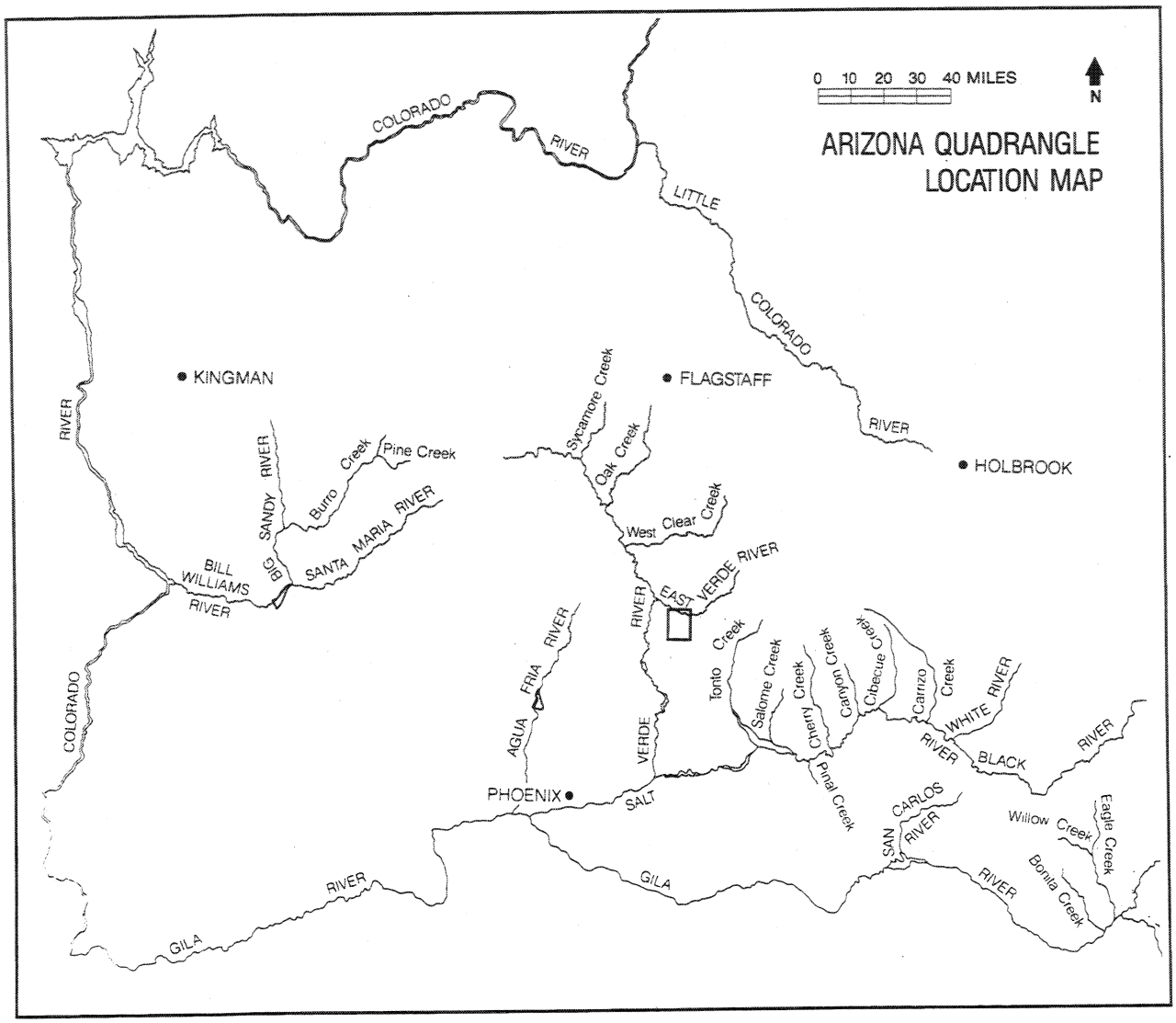
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

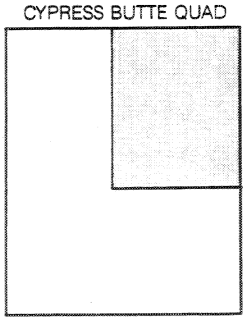
East Verde River
Plate; EVR 2

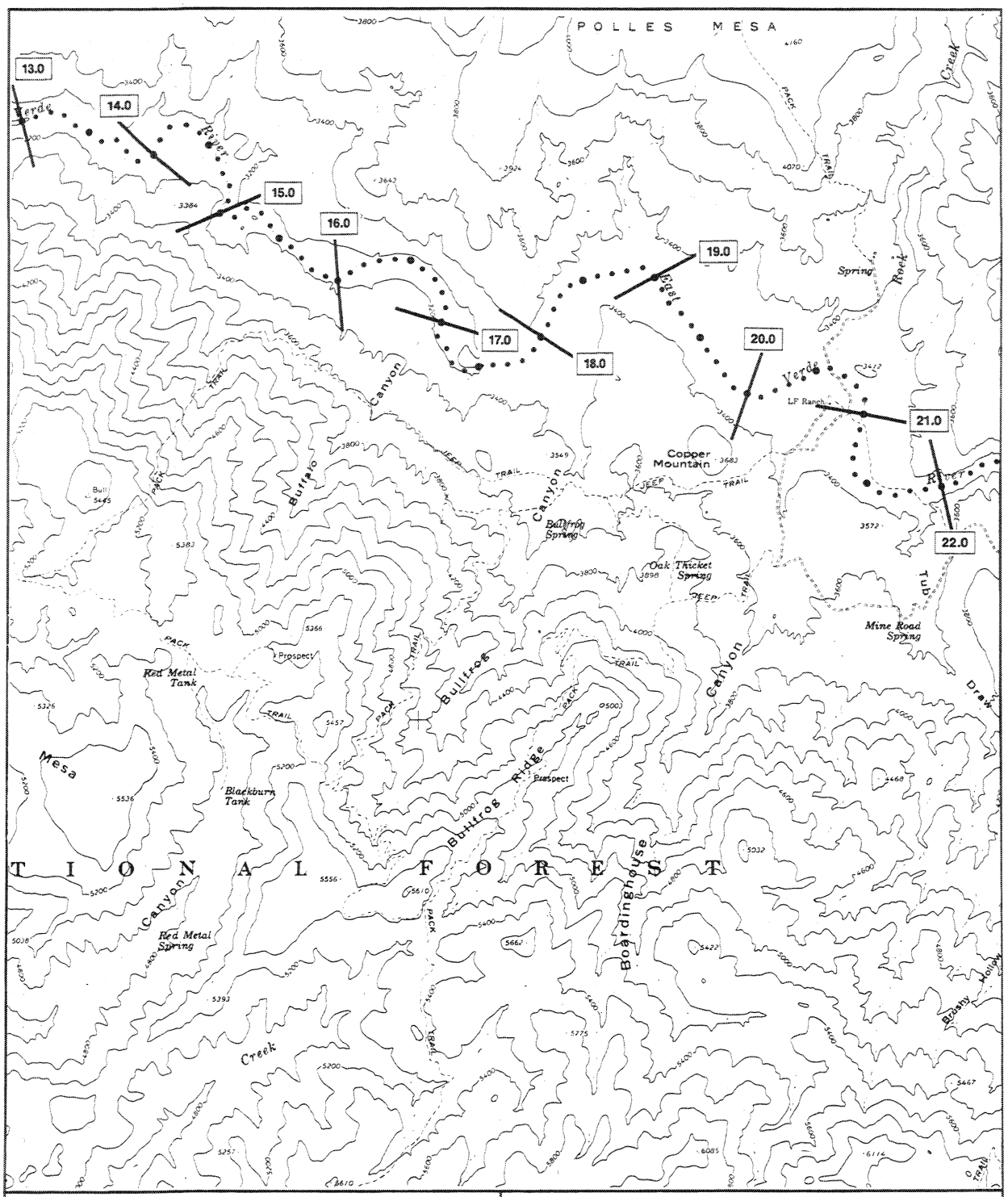
Prepared by: BioSystems Analysis, Inc.



PLATE; EVR 3

CYPRESS BUTTE QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

N

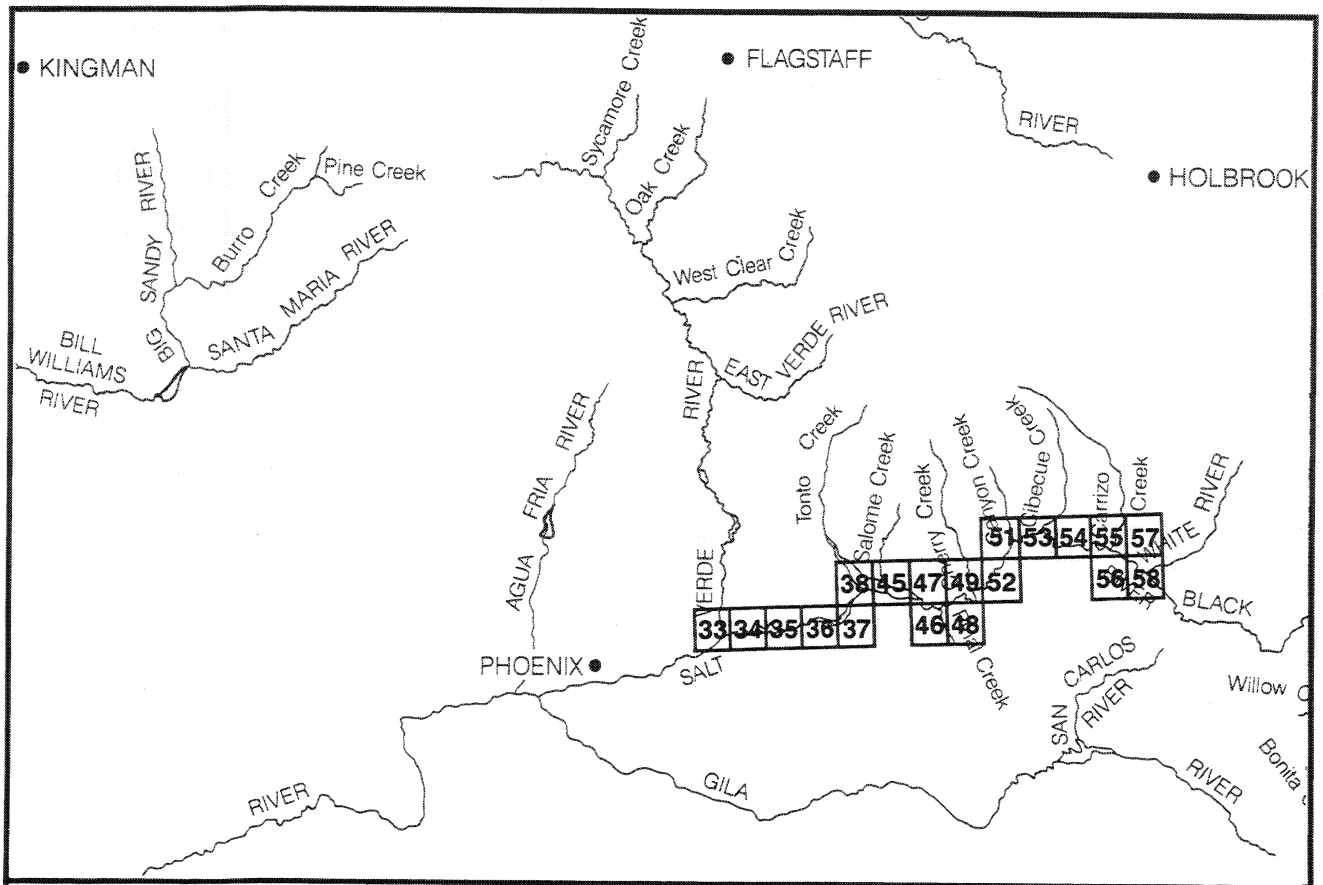
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

East Verde River
Plate; EVR 3

Prepared by: BioSystems Analysis, Inc.

SALT RIVER

KILOMETER 0.0-247.0



LEGEND

SR = SALT RIVER

MILES

0 10 20 30

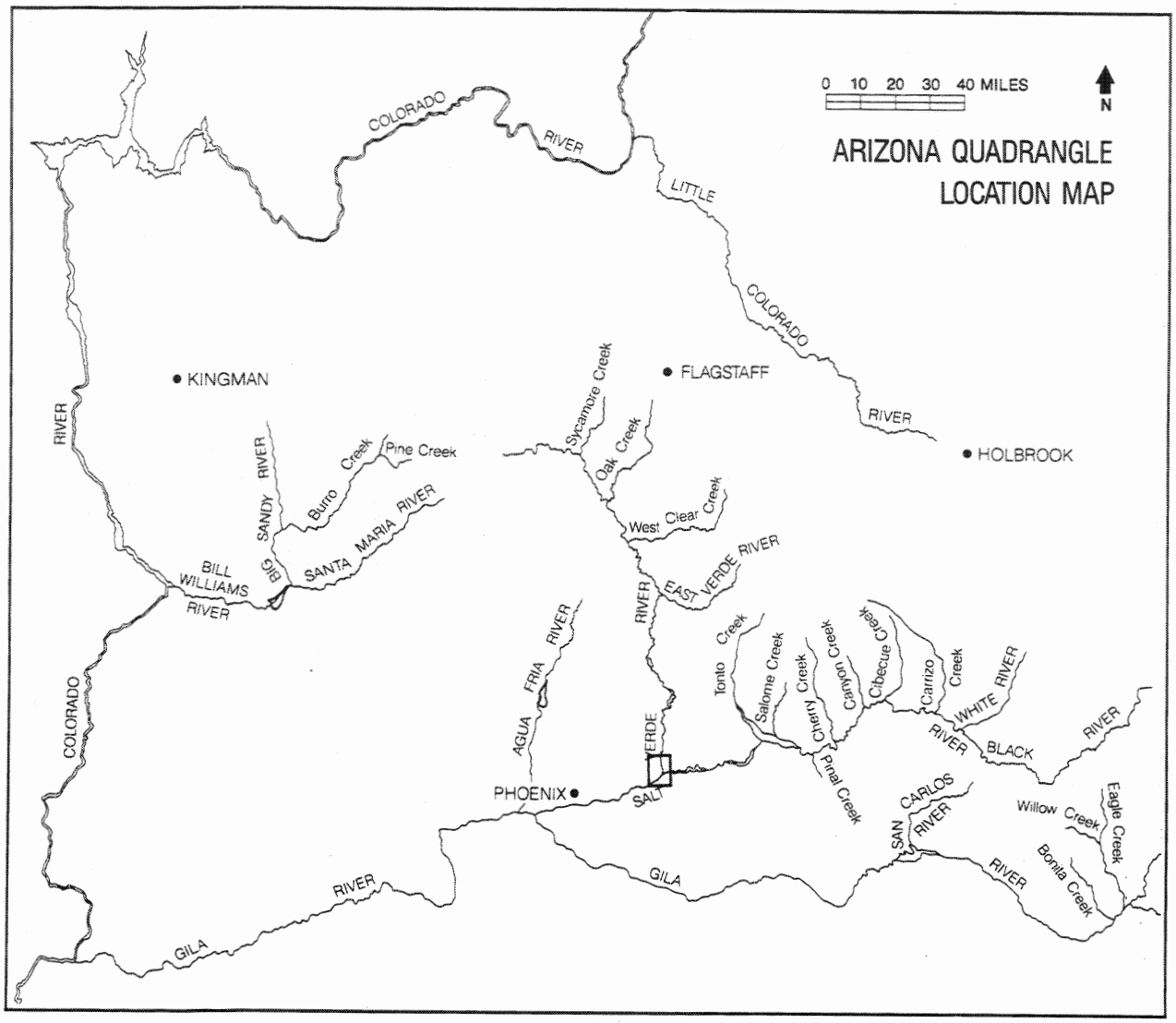
N

ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

INDEX TO ARIZONA QUADRANGLES COVERING THE SALT RIVER

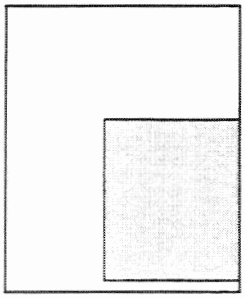
33:	Granite Reef Dam Quadrangle	7½′	PLATE SR 1
34:	Stewart Mtn. Quadrangle	7½′	PLATE SR 2, SR 3
35:	Mormon Flat Dam Quadrangle	7½′	PLATE SR 3, SR 4, SR 5
36:	Horse Mesa Dam Quadrangle	7½′	PLATE SR 5, SR 6, SR 7
37:	Pinyon Mtn. Quadrangle	7½′	PLATE SR 7, SR 8
38:	Theodore Roosevelt Dam Quadrangle	7½′	PLATE SR 8, SR 9
45:	Windy Hill Quadrangle	7½′	PLATE SR 10, SR 11
47:	Meddler Wash Quadrangle	7½′	PLATE SR 11, SR 12, SR 13
46:	Salt River Peak Quadrangle	7½′	PLATE SR 12, SR 13
48:	Rockinstraw Mtn. Quadrangle	7½′	PLATE SR 13
49:	Dagger Peak Quadrangle	7½′	PLATE SR 13, SR 14, SR 15
52:	Haystack Butte Quadrangle	7½′	PLATE SR 15, SR 16
51:	Blue House Mtn. Quadrangle	15′ SW ¼	PLATE SR 16, SR 17
53:	Blue House Mtn. Quadrangle	15′ SE ¼	PLATE SR 18, SR 19
54:	Beckers Butte Quadrangle	7½′	PLATE SR 19, SR 20, SR 21
55:	Carrizo SE Quadrangle	7½′	PLATE SR 21, SR 22, SR 23
56:	Popcorn Canyon Quadrangle	7½′	PLATE SR 23
57:	Cone Butte Quadrangle	7½′	PLATE SR 23
58:	Forks Butte Quadrangle	7½′	PLATE SR 23

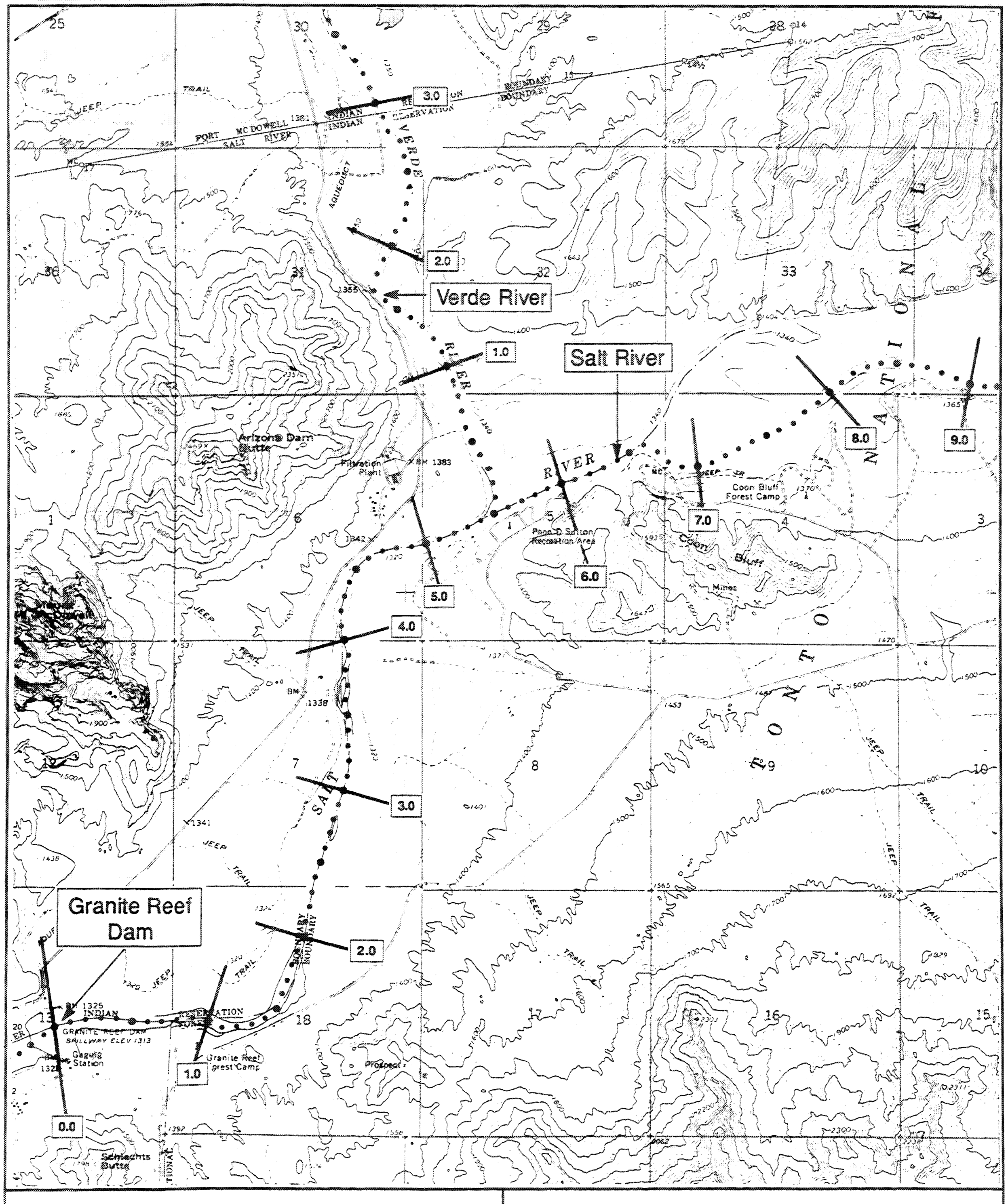
Prepared by: BioSystems Analysis, Inc.



PLATE; SR 1

GRANITE REEF DAM QUAD





0.1 KILOMETER
0.5 KILOMETER
1.0 KILOMETER

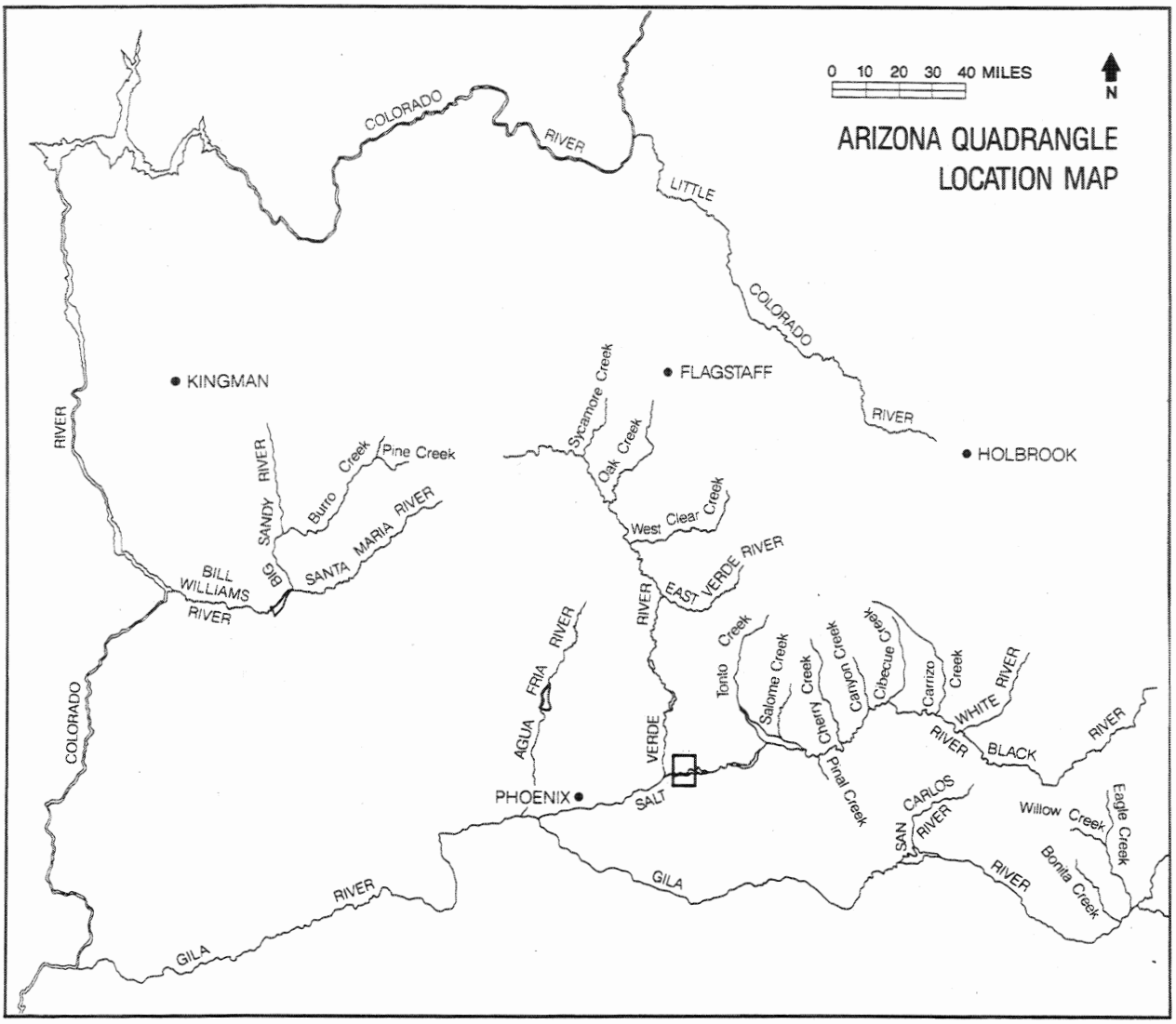
0 ½ 1 MILE
0 .5 1 KILOMETER

N

ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

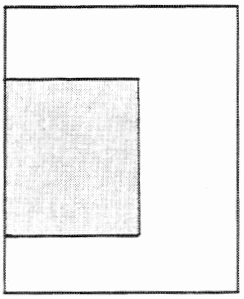
Salt River
Plate; SR 1

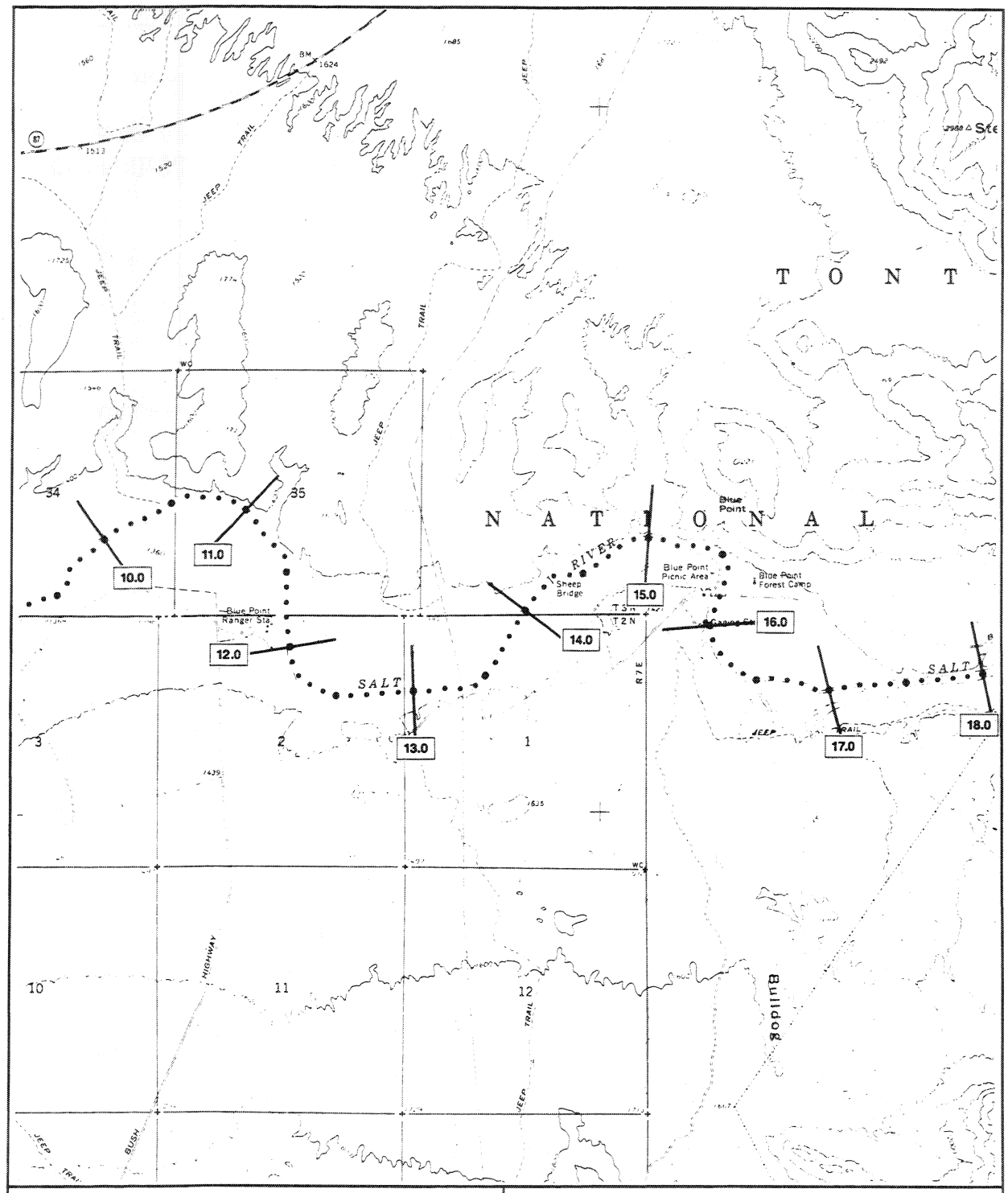
Prepared by: BioSystems Analysis, Inc.



PLATE; SR 2

STEWART MTN. QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

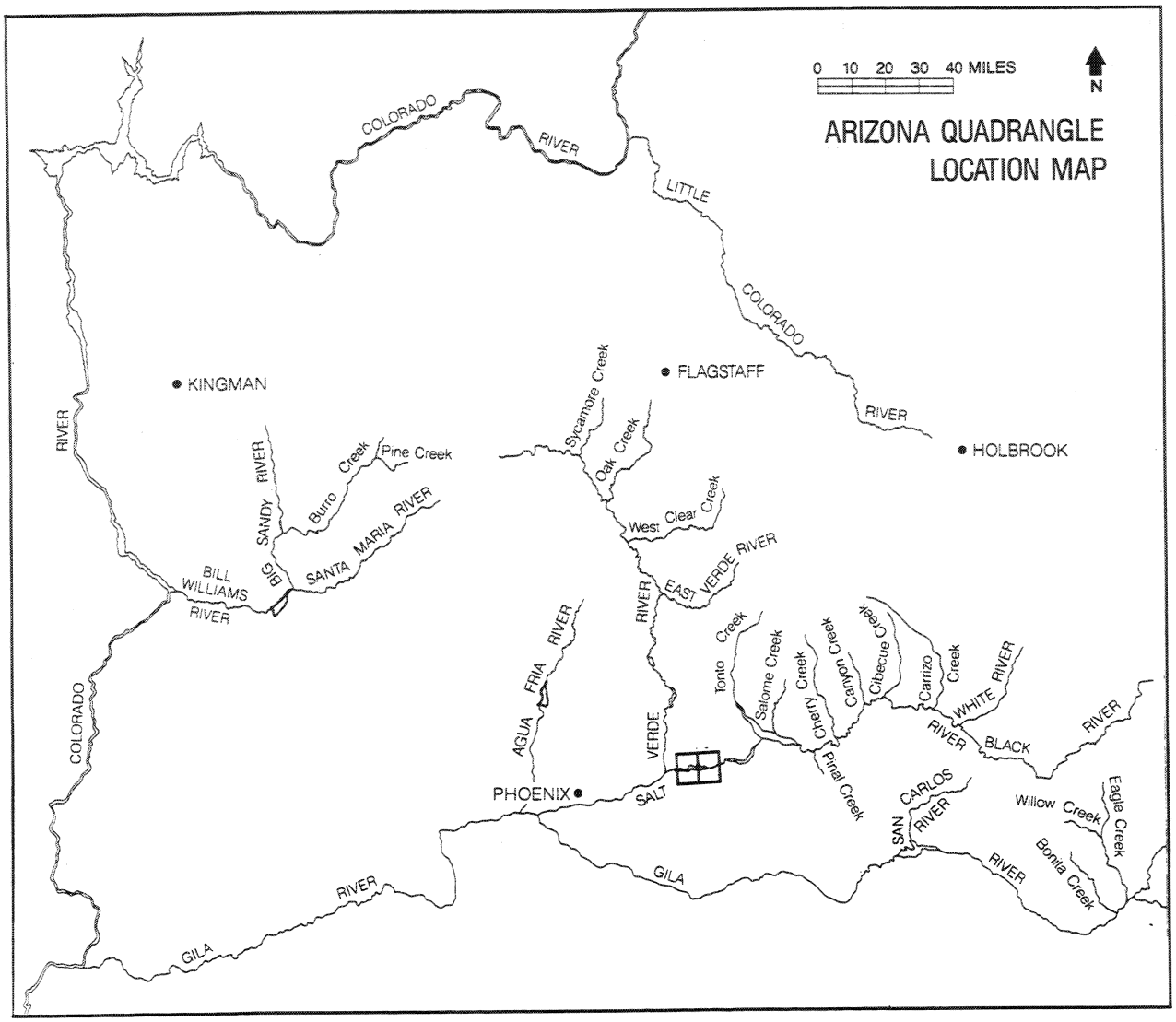
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

Salt River
Plate; SR 2

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
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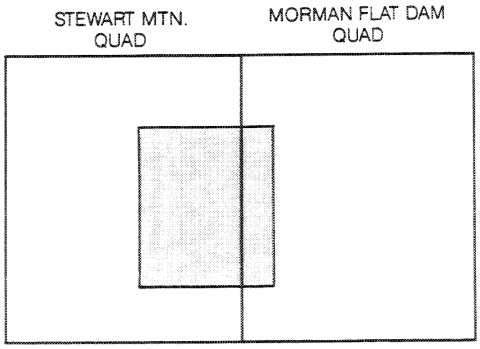
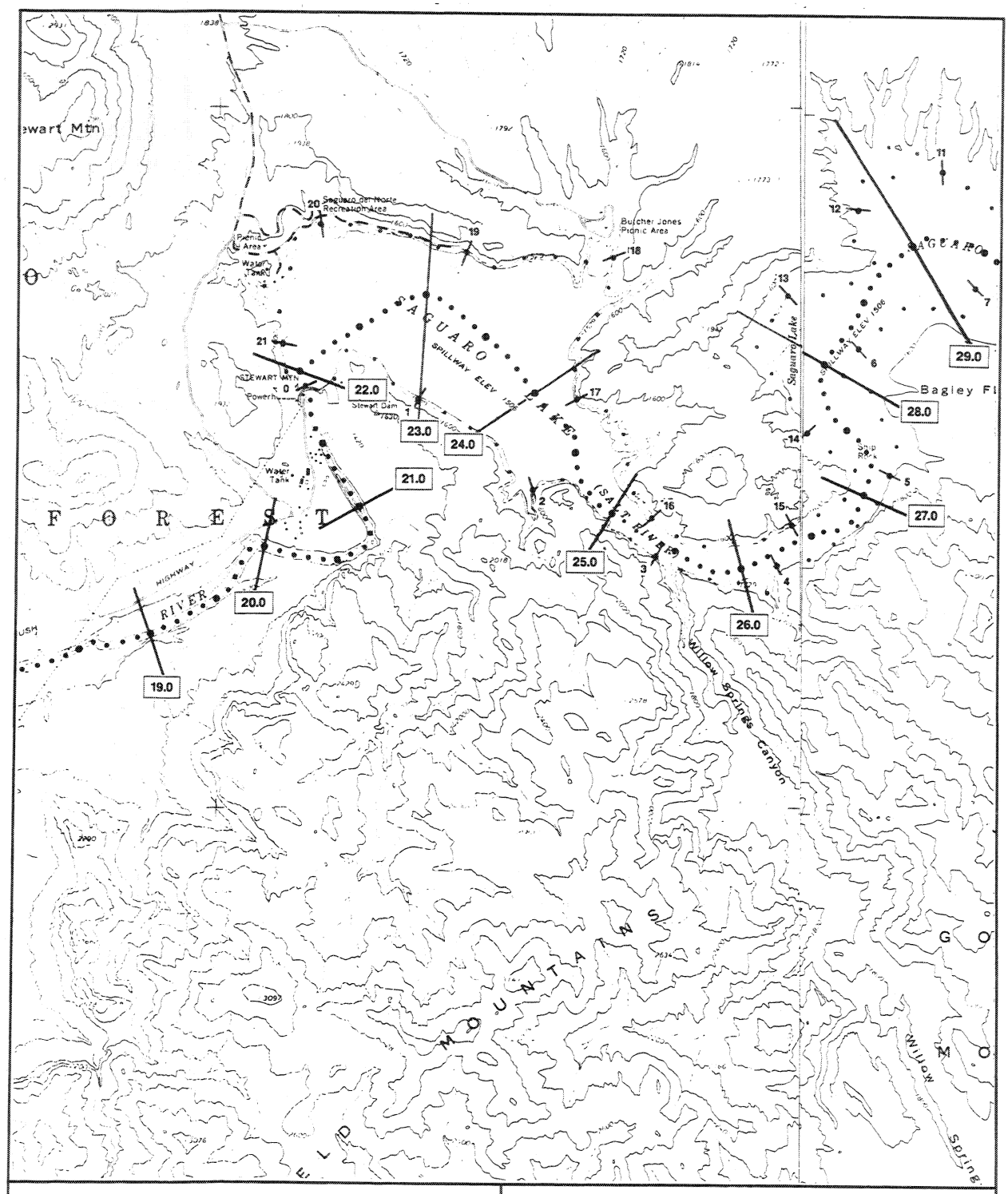
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
SALT RIVER
GILA RIVER
AGUA FRIA RIVER
BIG SANDY RIVER
Burro Creek
Pine Creek
SANTA MARIA RIVER
BILL WILLIAMS RIVER
COLORADO RIVER
GILA RIVER

PLATE; SR 3


STEWART MTN. QUAD
MORMAN FLAT DAM QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

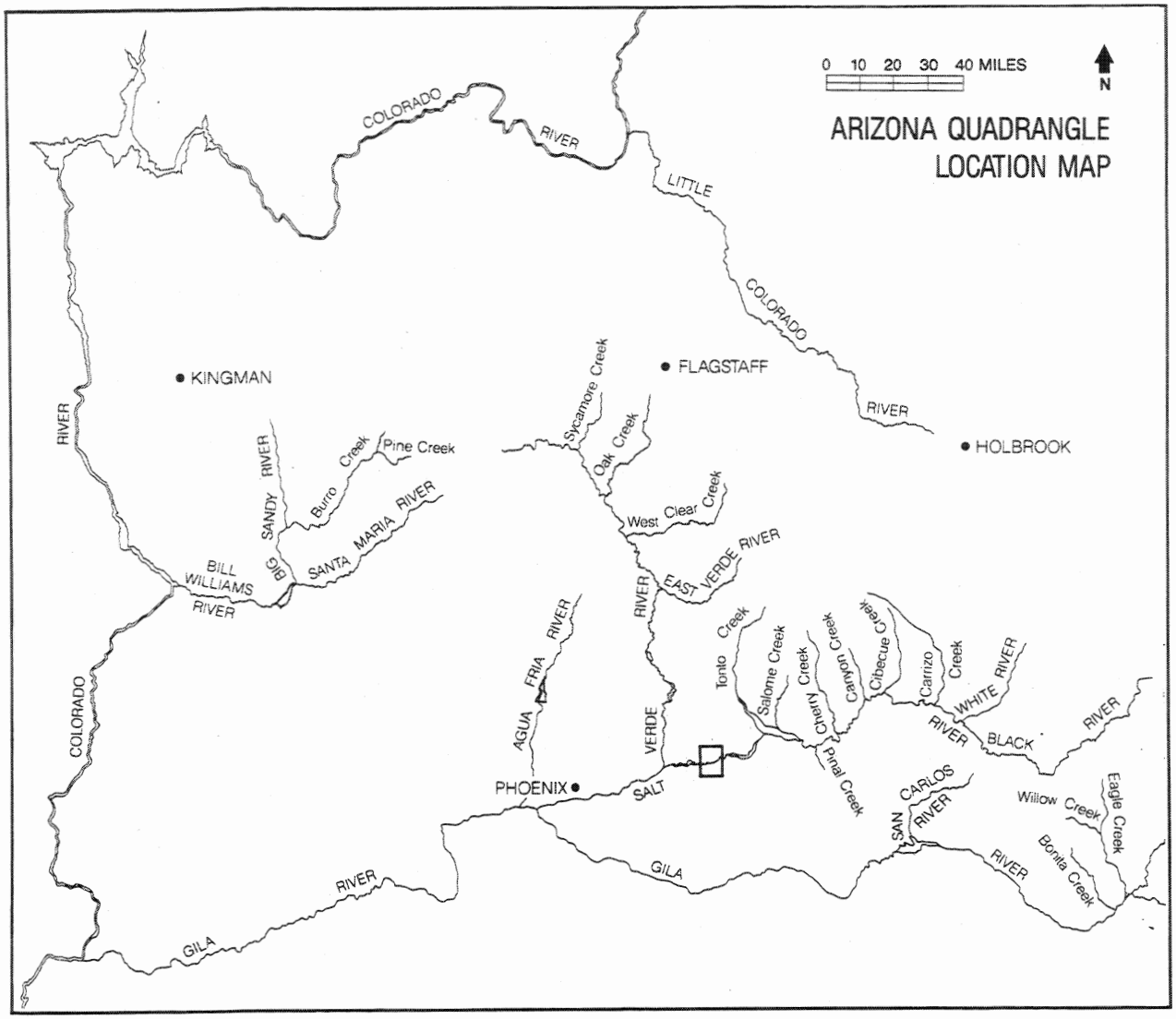
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

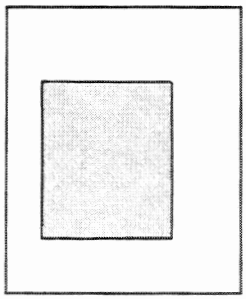
Salt River
Plate; SR 3

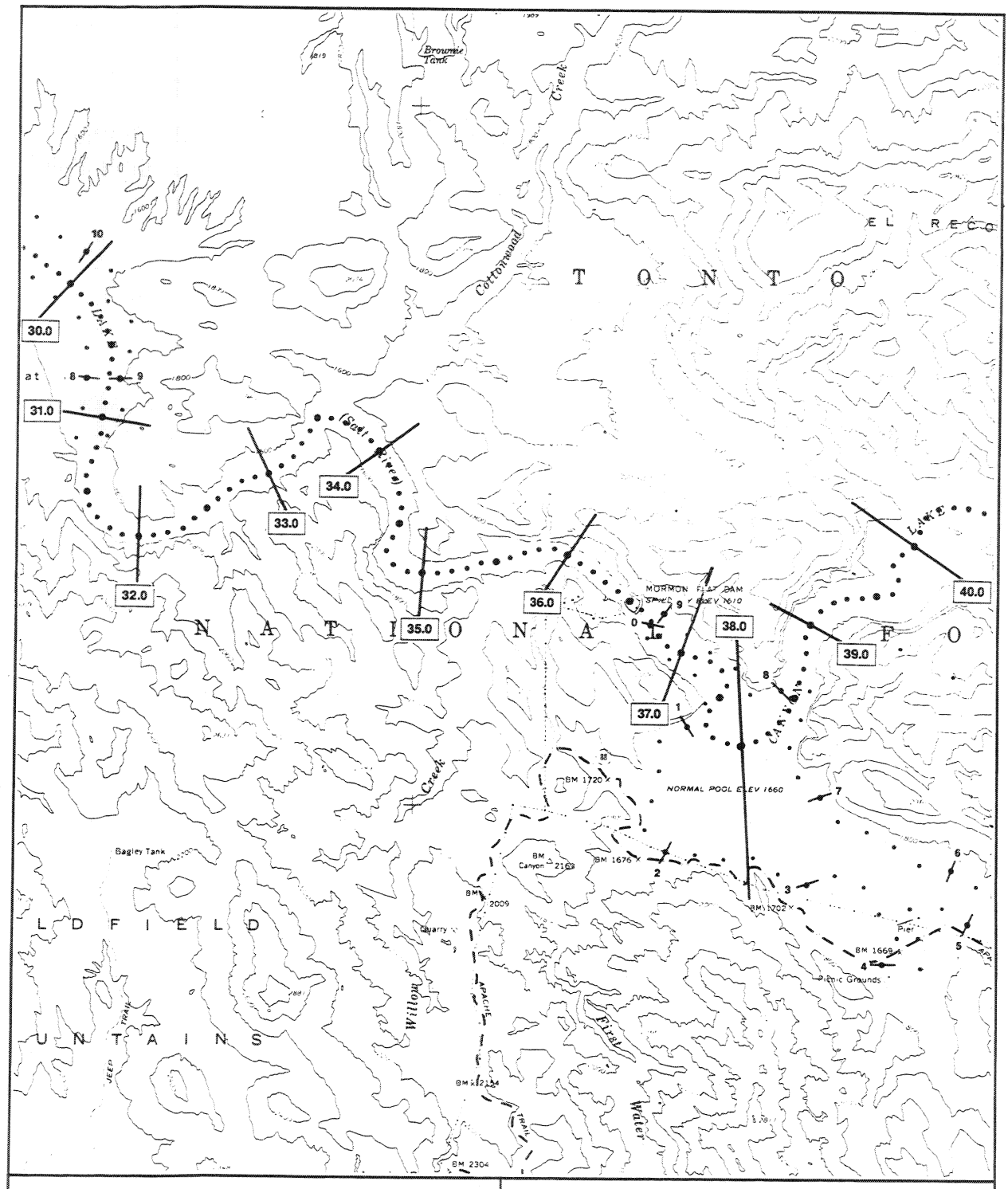
Prepared by: BioSystems Analysis, Inc.



PLATE; SR 4

MORMAN FLAT DAM QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

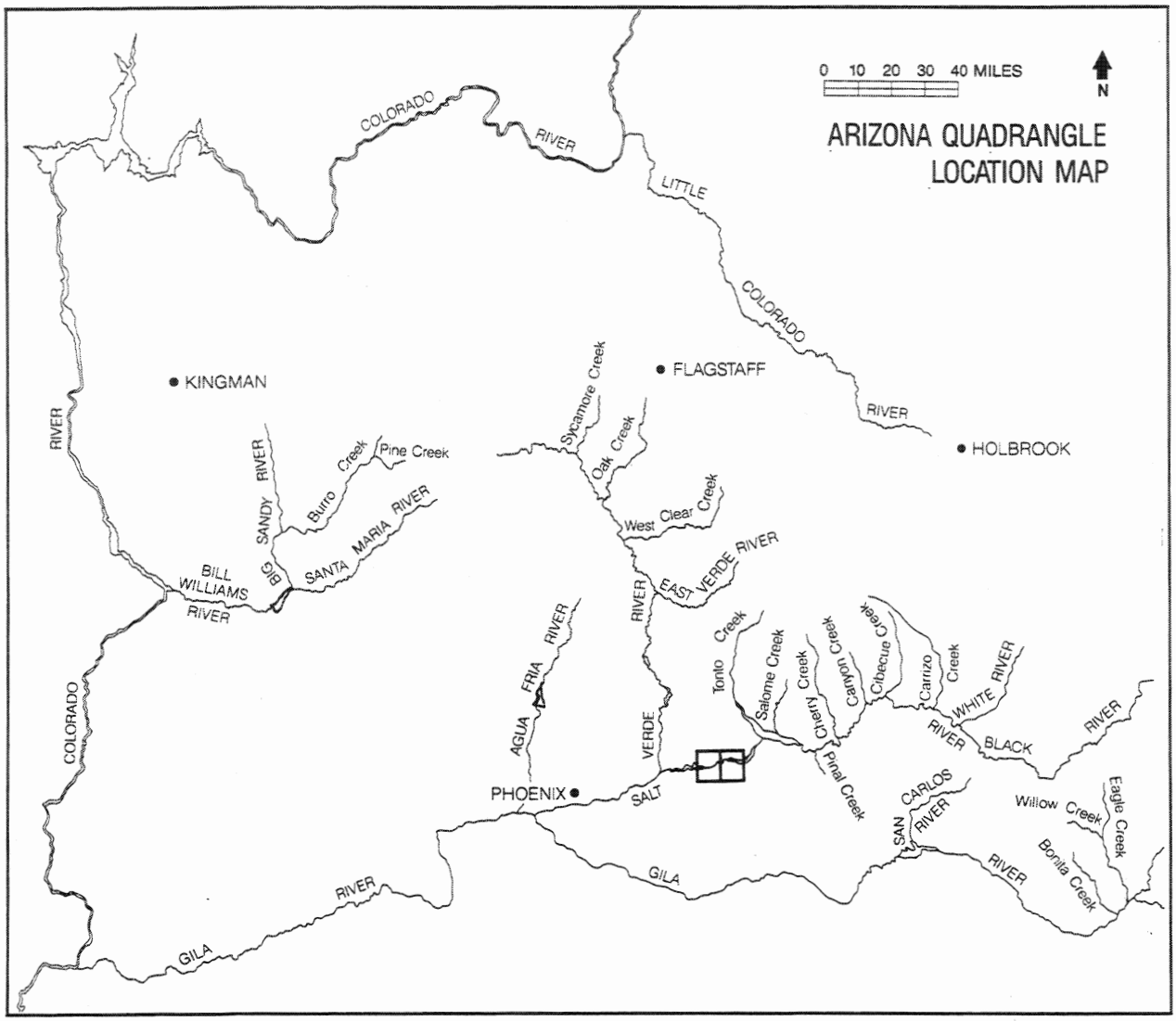
N

ARIZONA
BALD EAGLE PROJECT

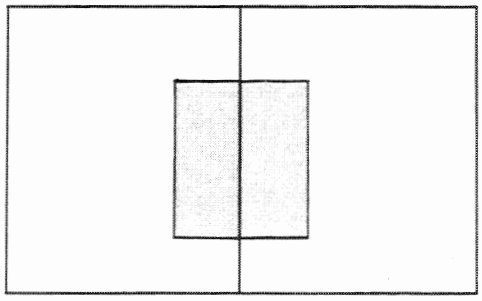
RIVER MAP ATLAS

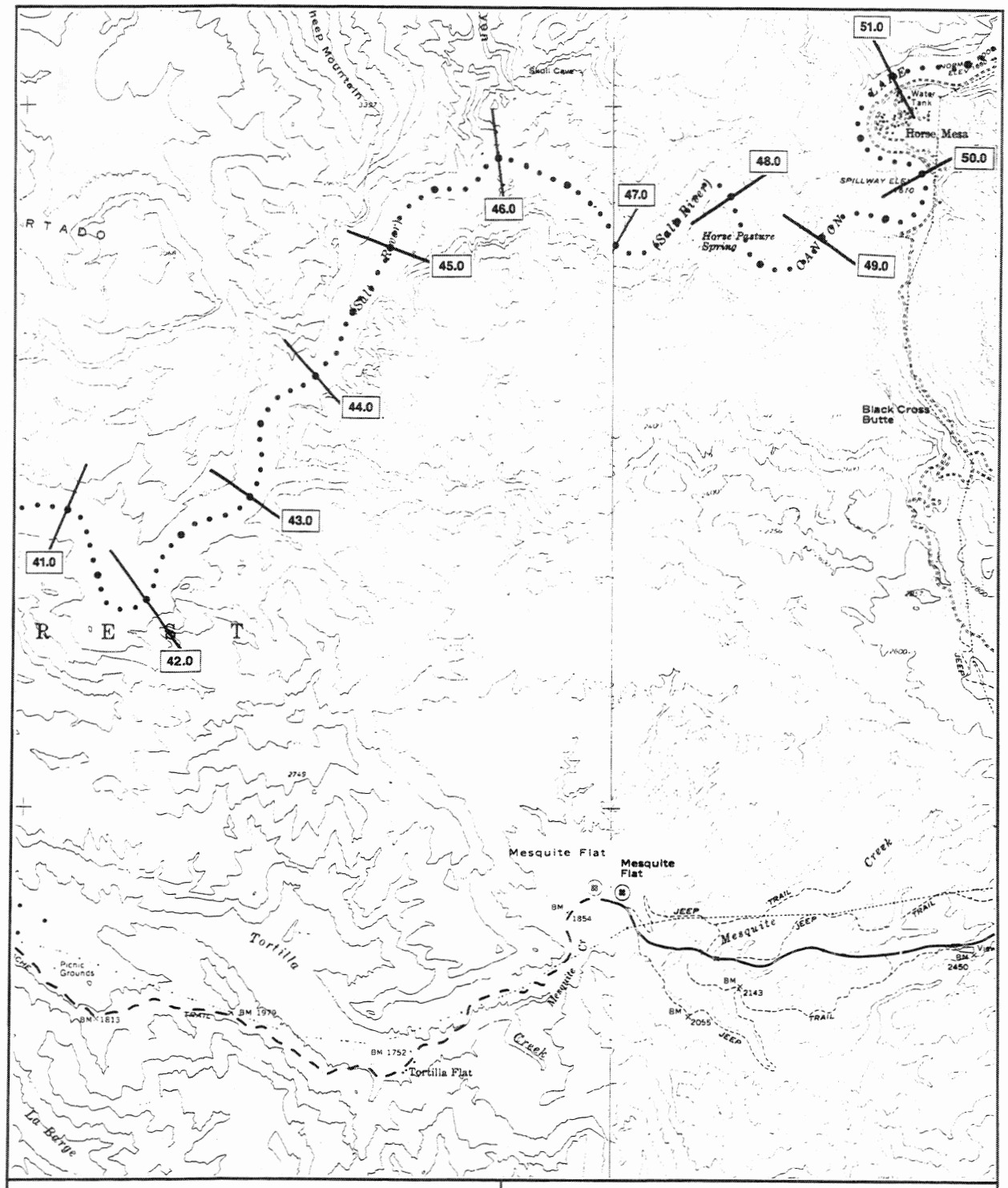
Salt River
Plate; SR 4

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO
RIVER
LITTLE
COLORADO
RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
RIVER
SANDY
RIVER
Burro Creek
Pine Creek
Sycamore Creek
Oak Creek
West Clear Creek
SANTA MARIA RIVER
BIG
BILL WILLIAMS
RIVER
EAST VERDE RIVER
RIVER
AGUA FRIA RIVER
VERDE
Tonto Creek
Salome Creek
Cherry Creek
Campbell Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
PHOENIX
SALT
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
GILA
RIVER
GILA
RIVER
COLORADO

PLATE; SR 5


MORMAN FLAT DAM
QUAD
HORSE MESA DAM
QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

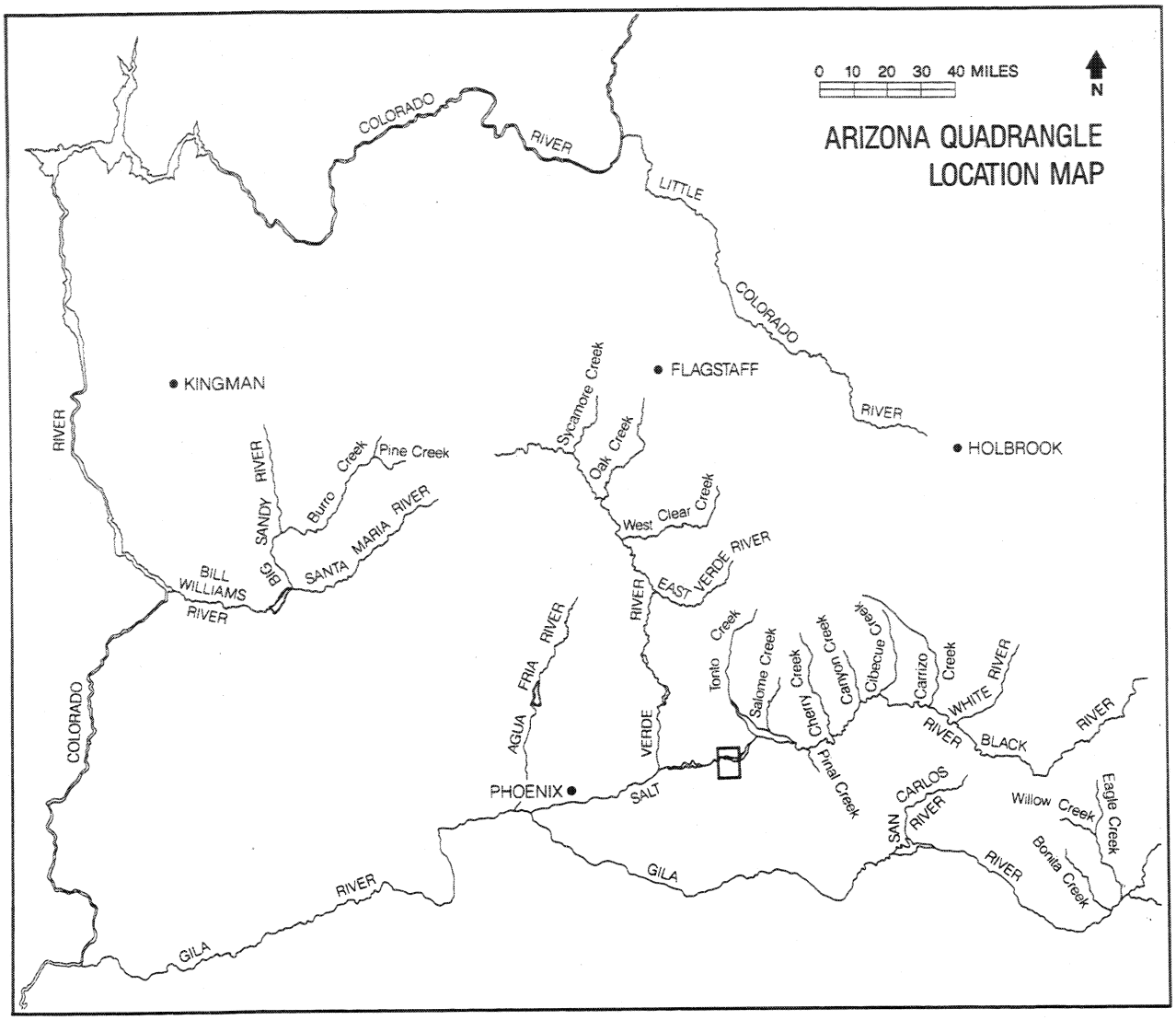
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

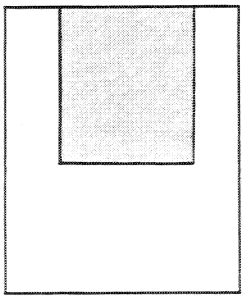
Salt River
Plate; SR 5

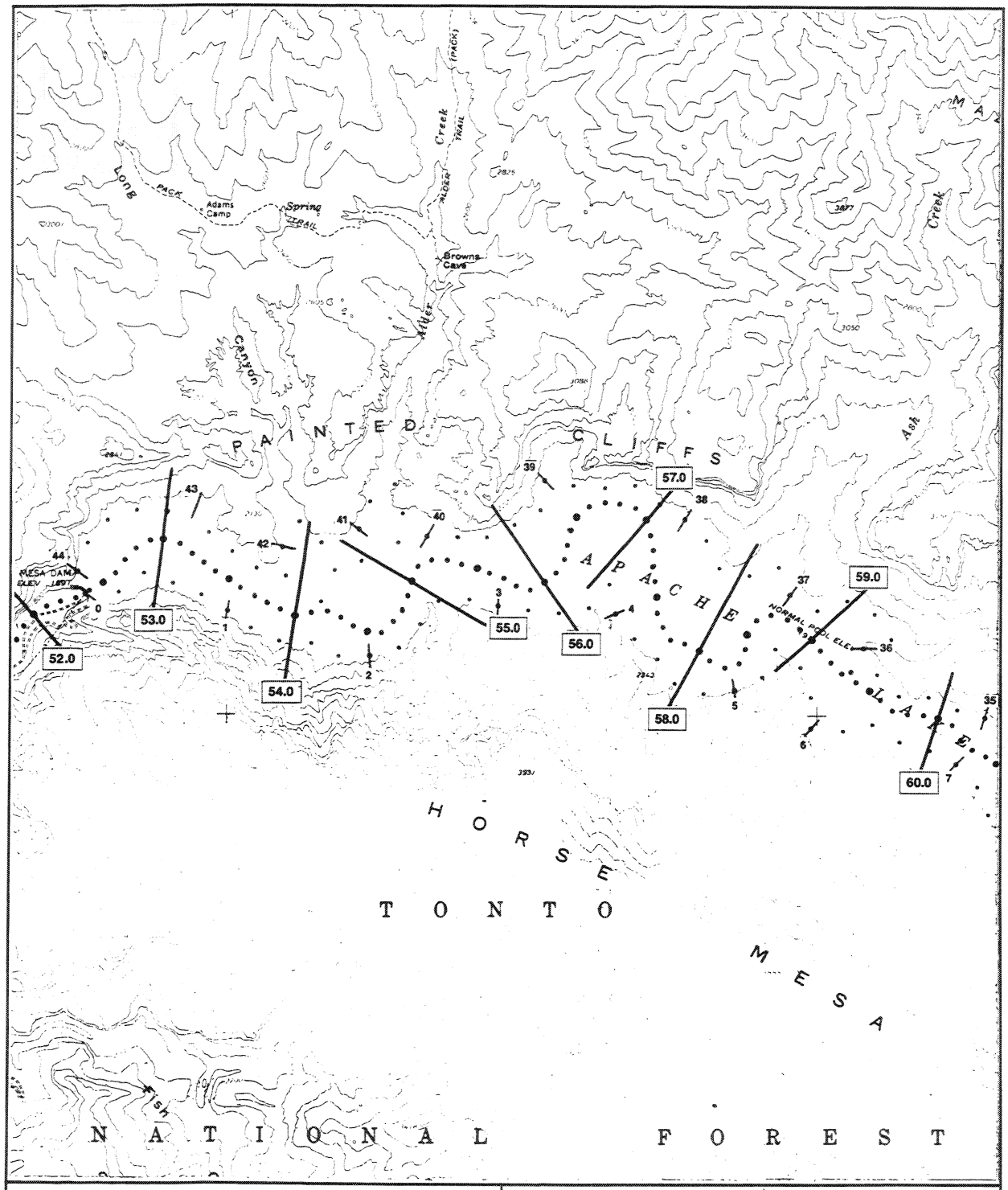
Prepared by: BioSystems Analysis, Inc.



PLATE; SR 6

HORSE MESA DAM QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

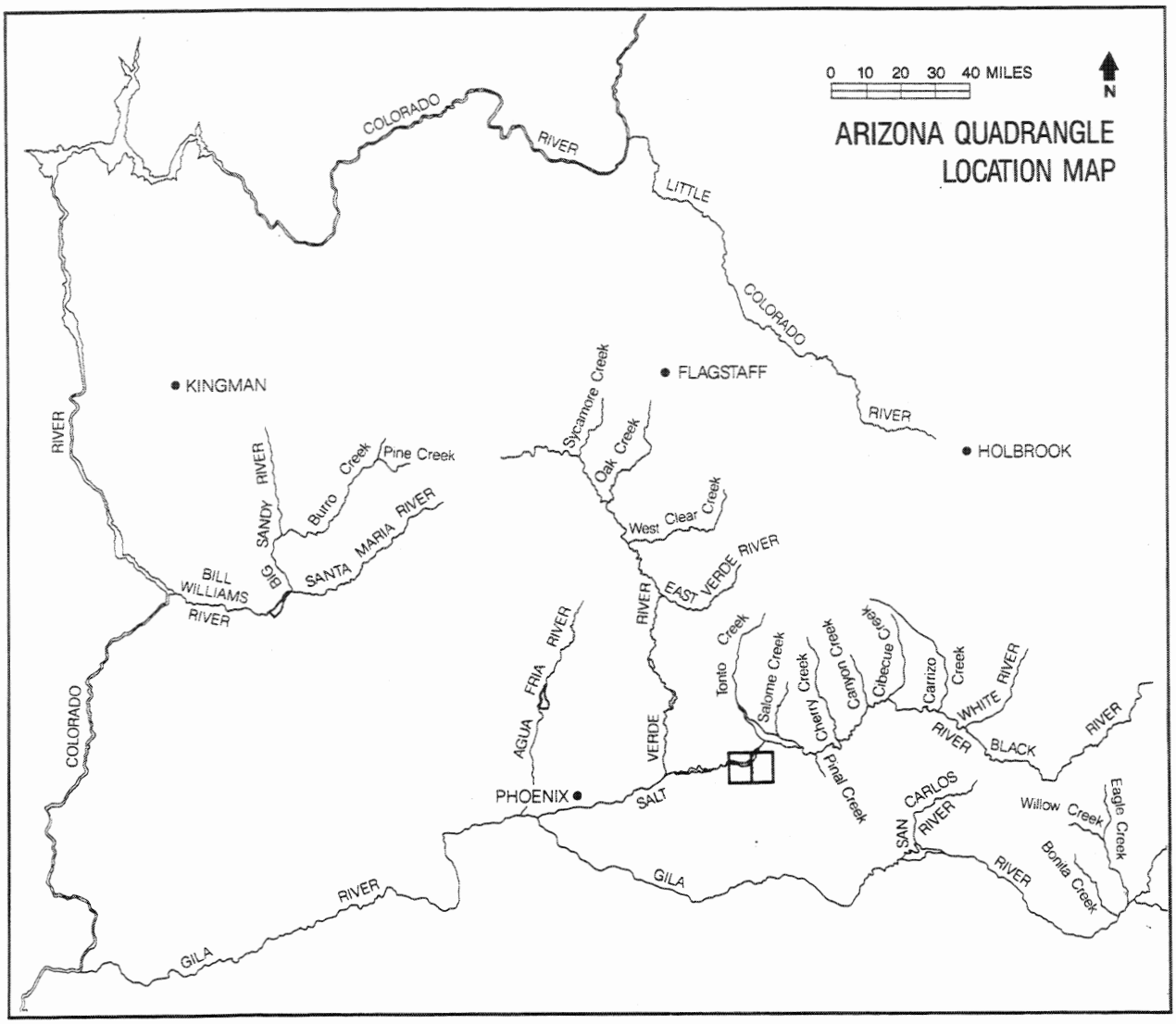
N

ARIZONA
BALD EAGLE PROJECT

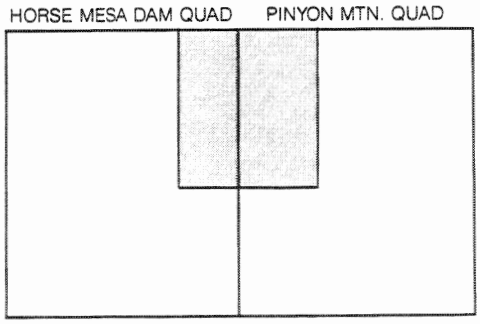
RIVER MAP ATLAS

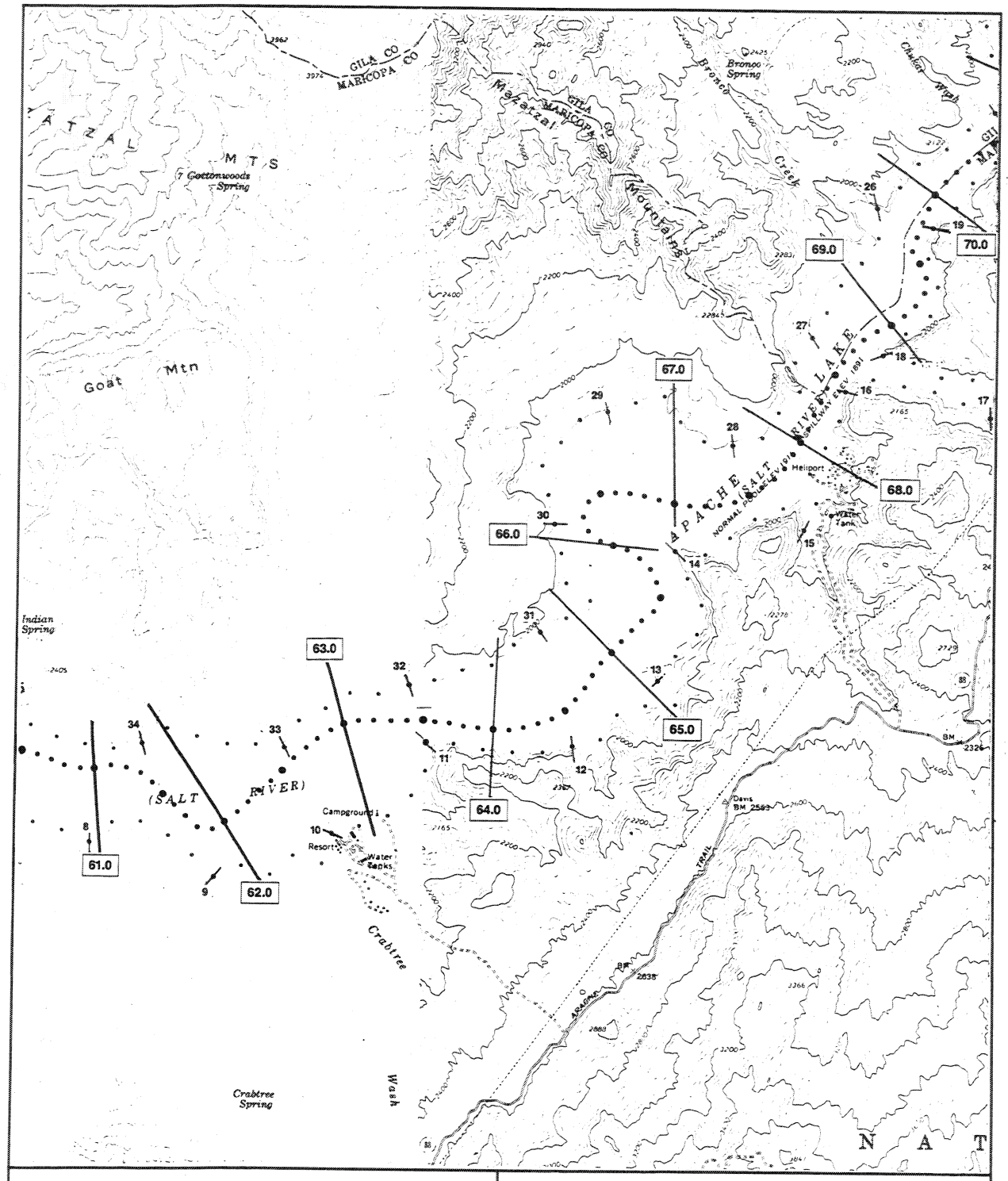
Salt River
Plate; SR 6

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
VERDE RIVER
SALT RIVER
GILA RIVER
BILL WILLIAMS RIVER
BIG SANDY RIVER
Burro Creek
Pine Creek
SANTA MARIA RIVER
AGUA FRIA RIVER
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek

PLATE; SR 7


HORSE MESA DAM QUAD
PINYON MTN. QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

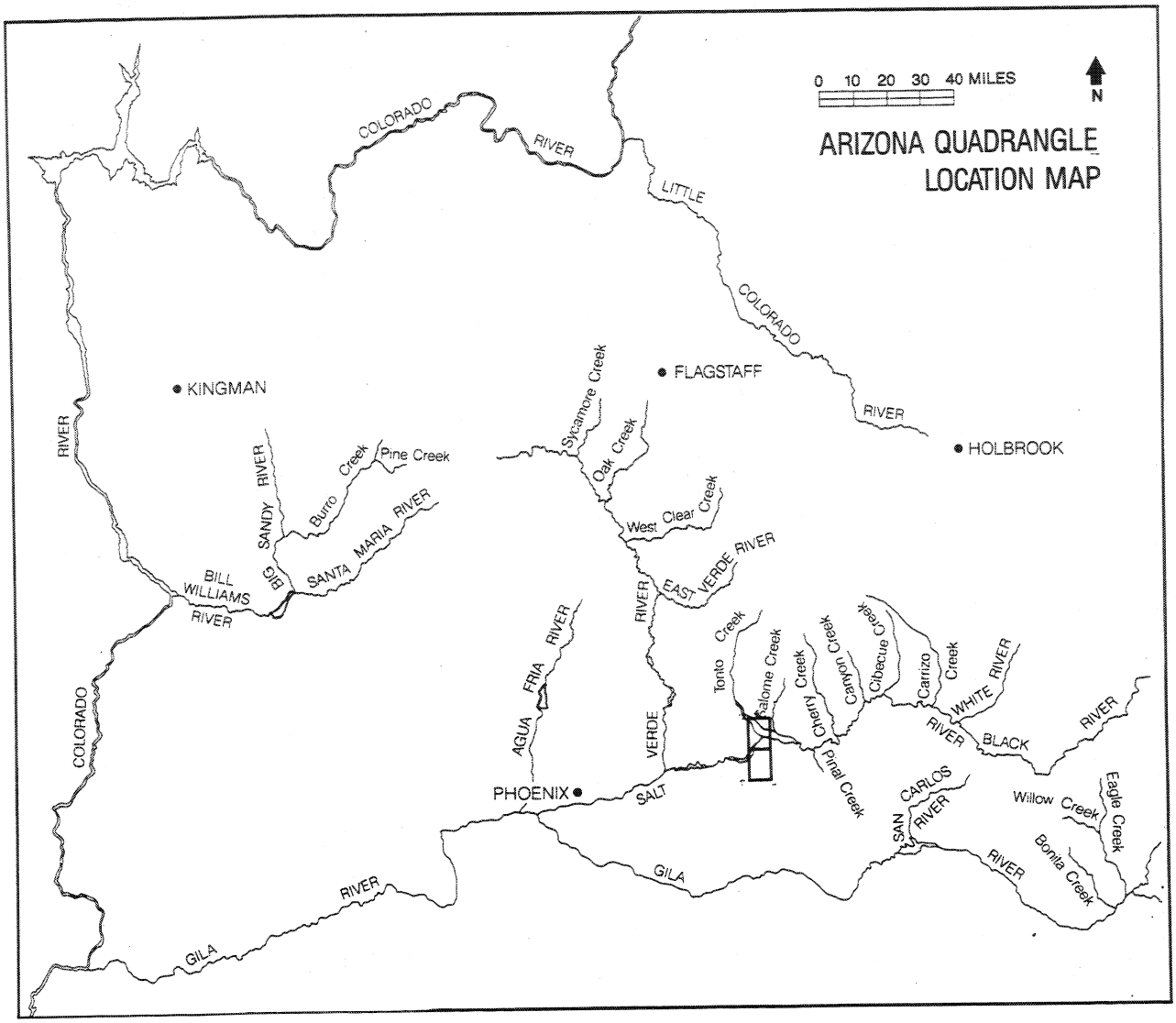
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

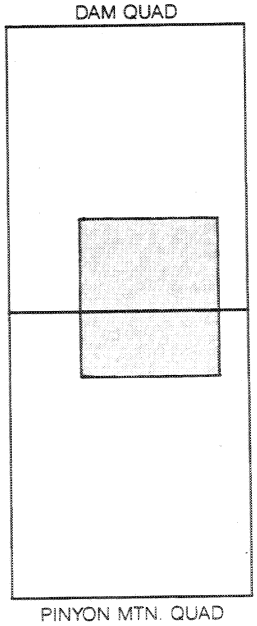
Salt River
Plate; SR 7

Prepared by: BioSystems Analysis, Inc.

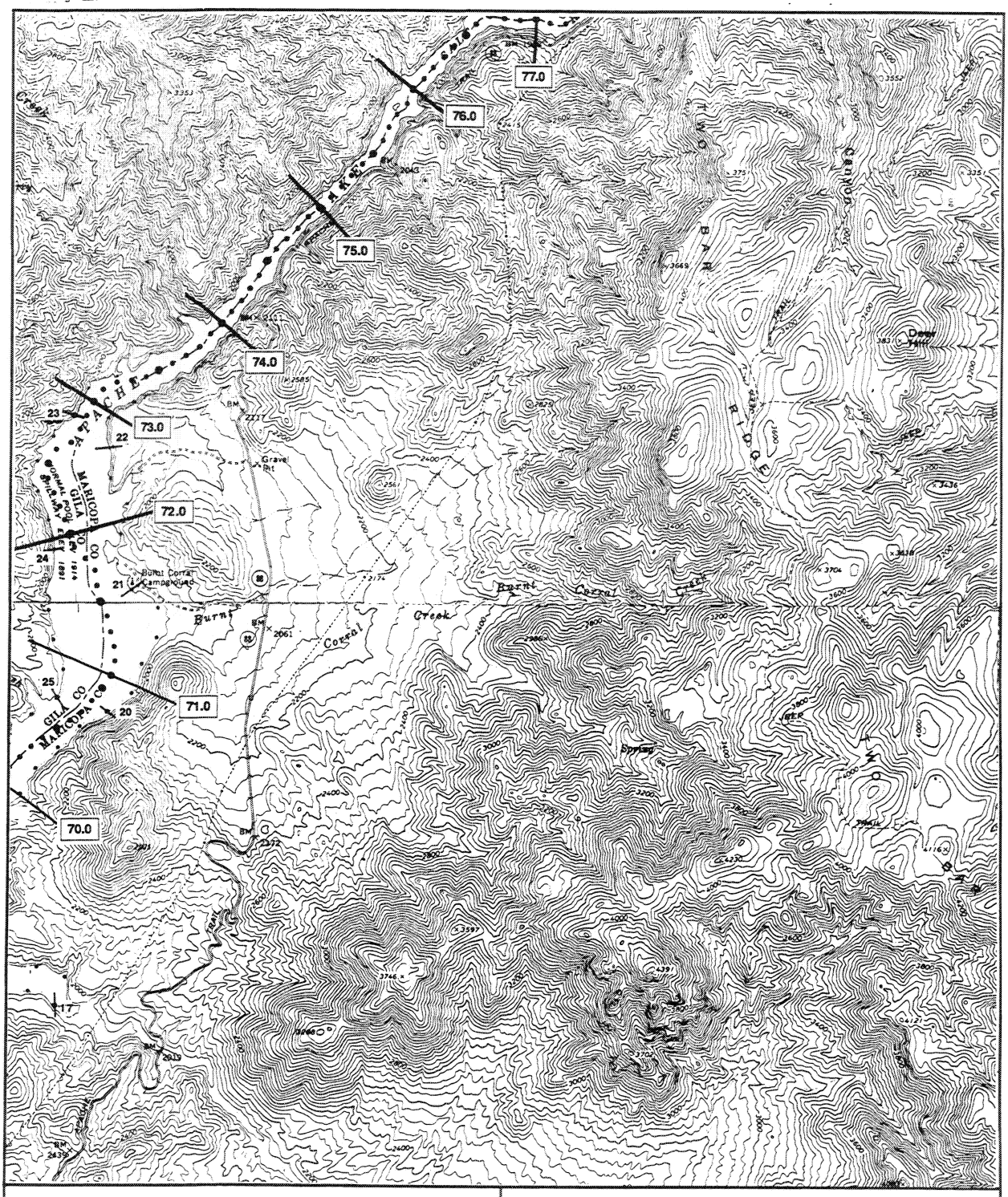


PLATE; SR 8

THEODORE ROOSEVELT
DAM QUAD



PINYON MTN. QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

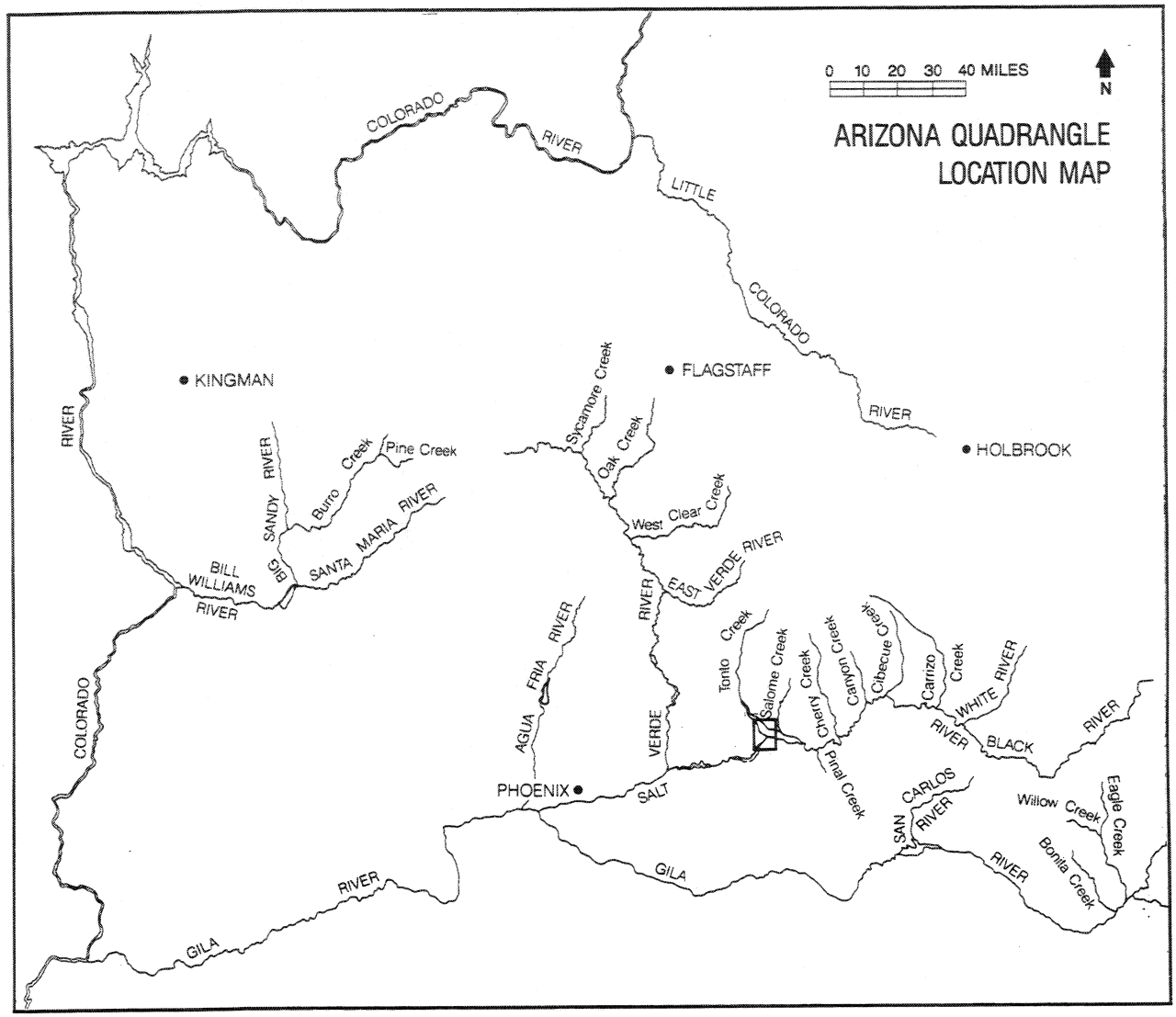
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

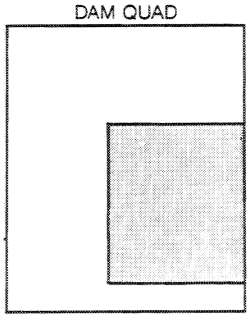
Salt River
Plate; SR 8

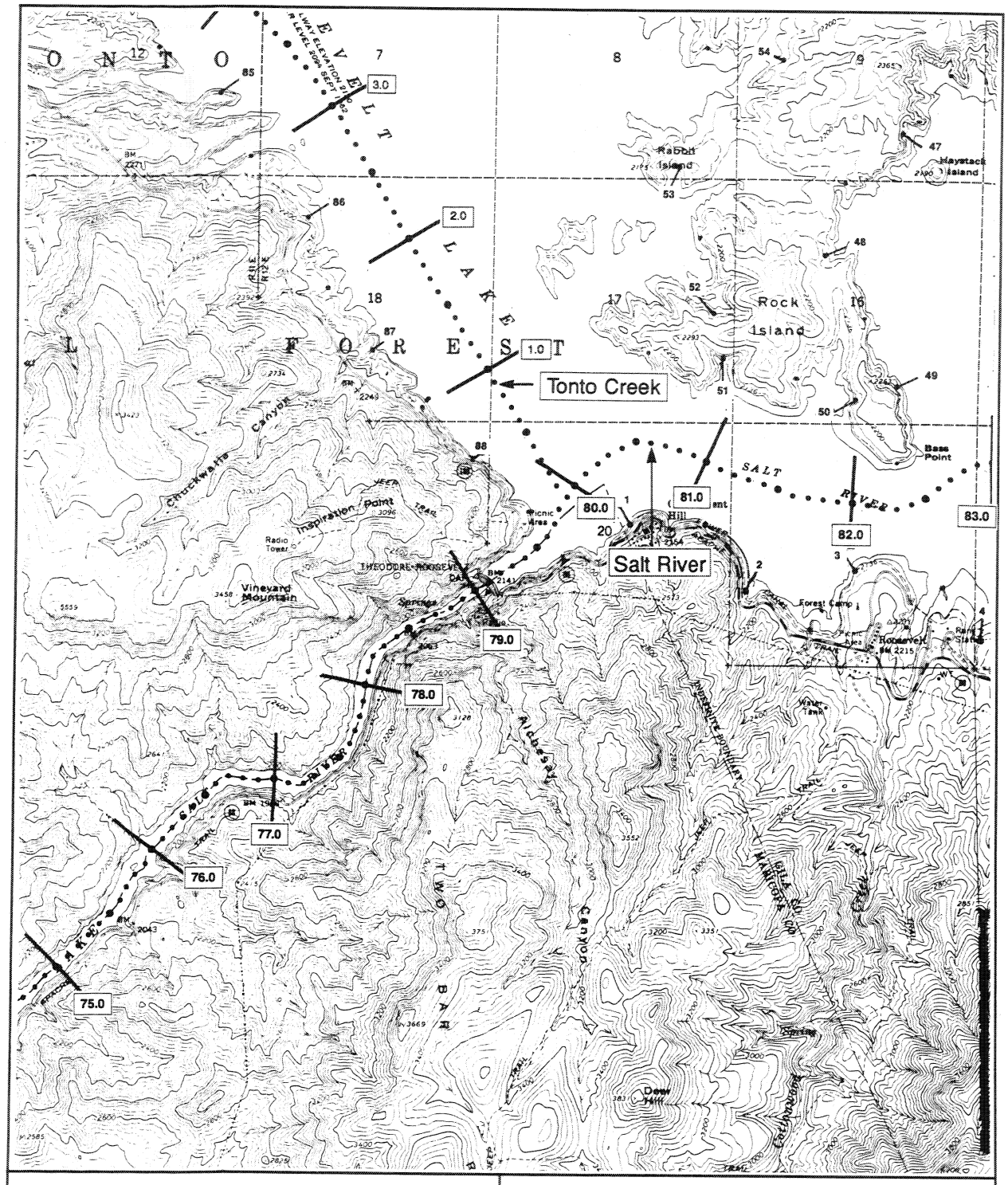
Prepared by: BioSystems Analysis, Inc.



PLATE; SR 9

THEODORE ROOSEVELT
DAM QUAD

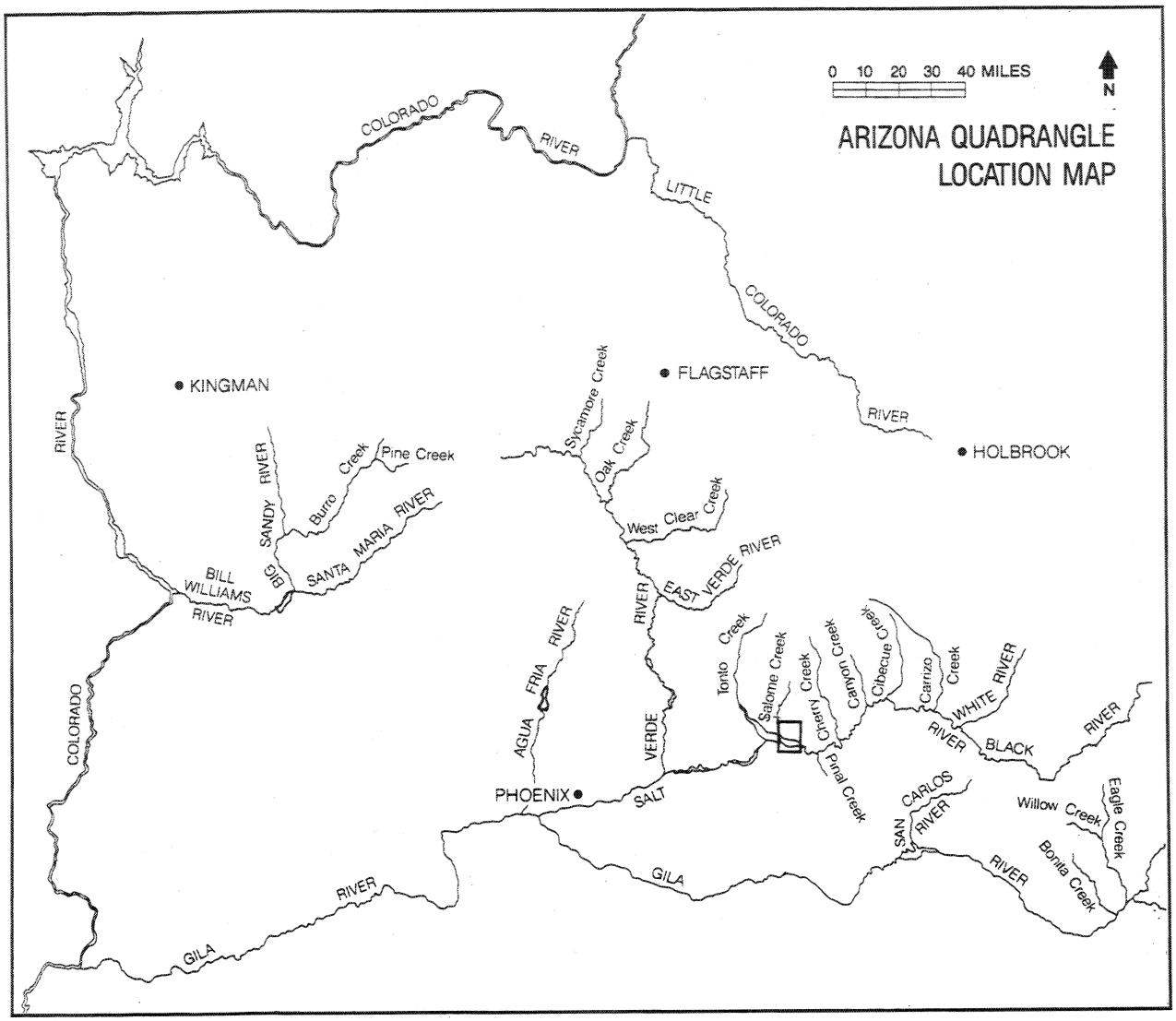




ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

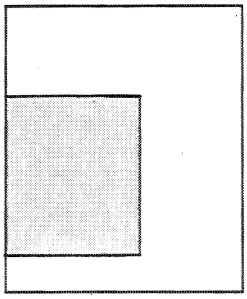
Salt River
Plate; SR 9

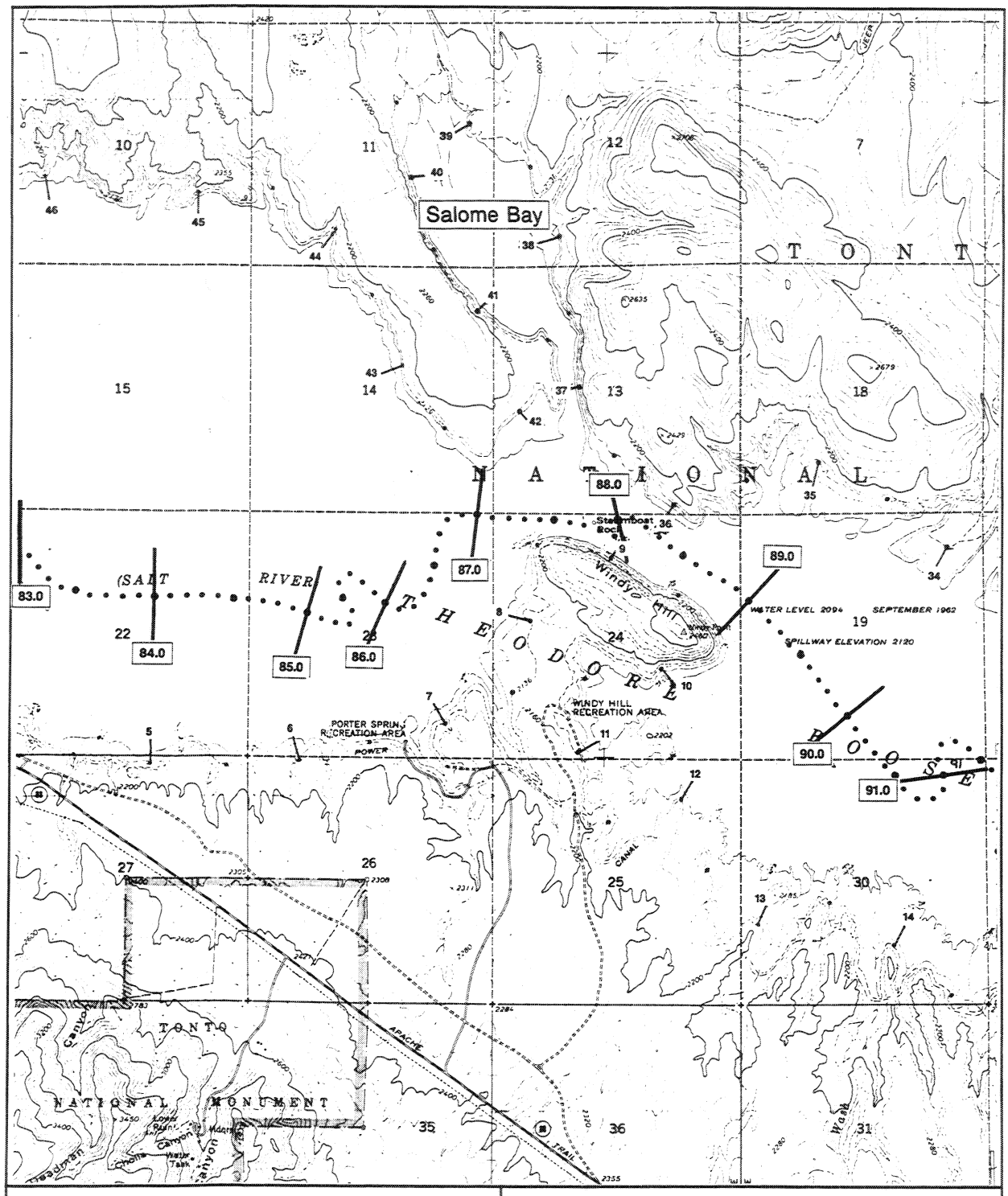
Prepared by: BioSystems Analysis, Inc.



PLATE; SR 10

WINDY HILL QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

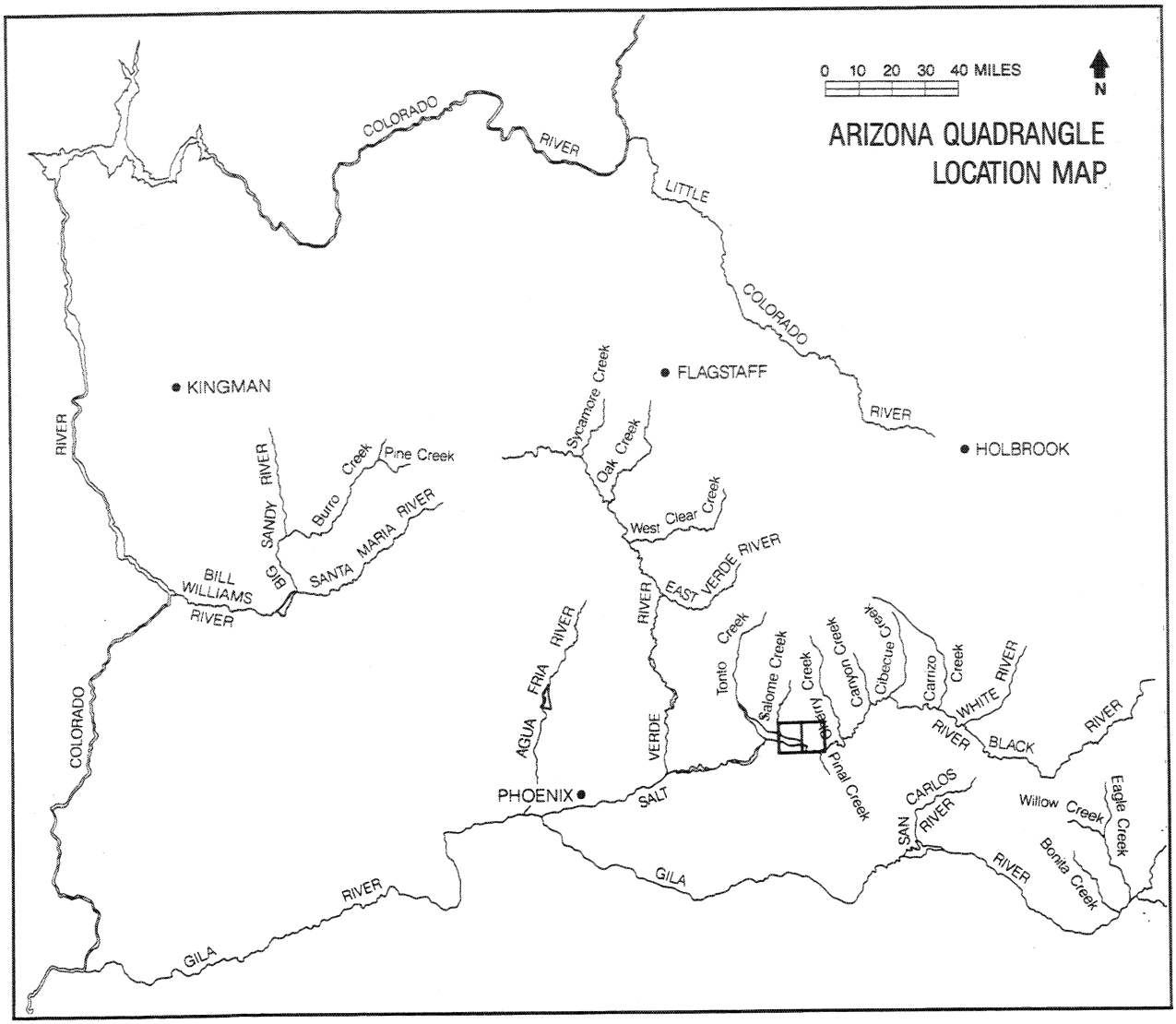
N

ARIZONA
BALD EAGLE PROJECT

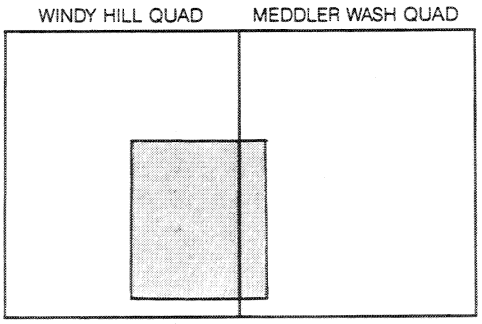
RIVER MAP ATLAS

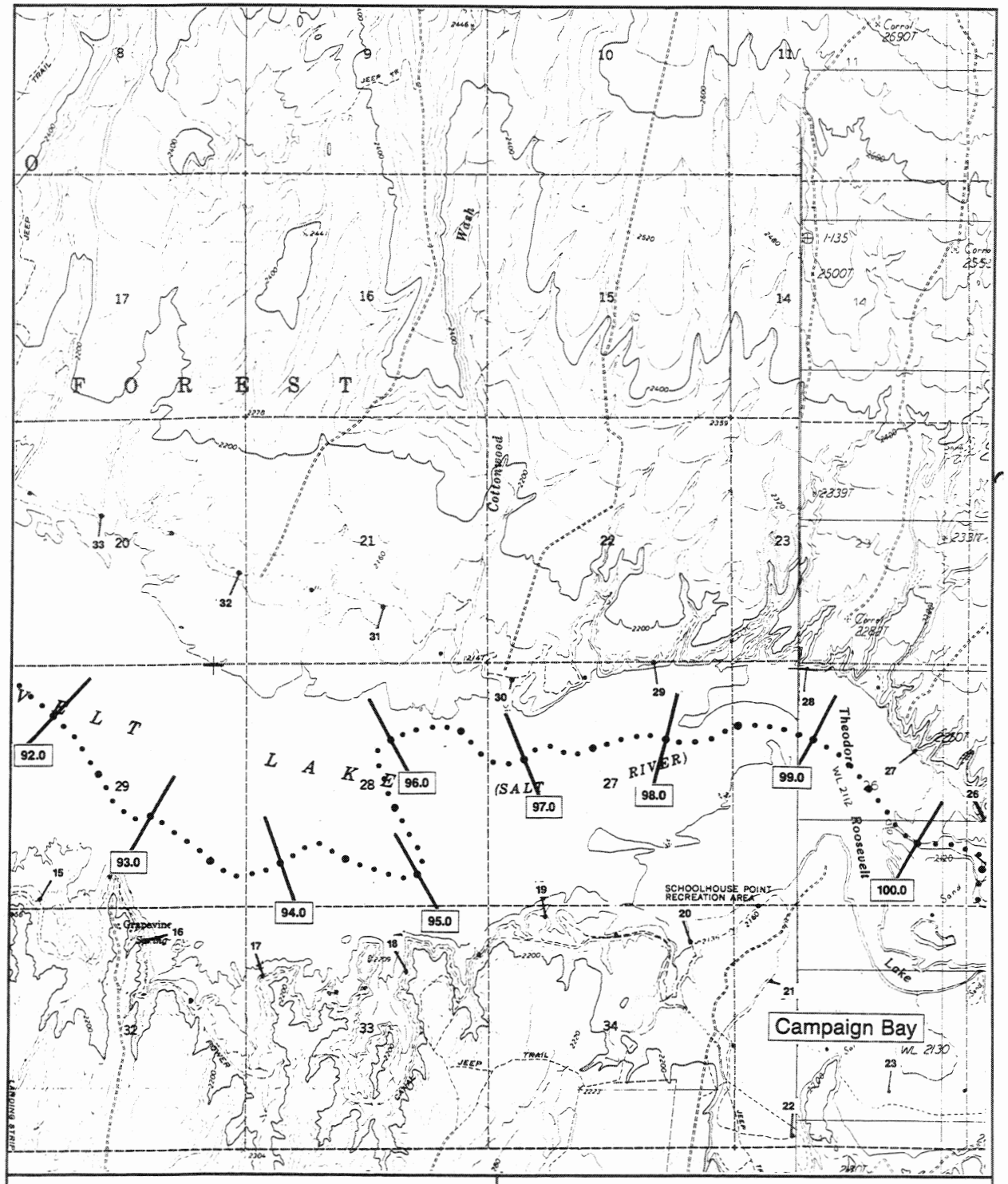
Salt River
Plate; SR 40

Prepared by: BioSystems Analysis, Inc.


0 10 20 30 40 MILES
N
ARIZONA QUADRANGLE
LOCATION MAP
COLORADO
RIVER
LITTLE
COLORADO
RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
RIVER
Pine Creek
Burro Creek
SANDY RIVER
BIG
SANTA MARIA RIVER
BILL WILLIAMS RIVER
AGUA FRIA RIVER
VERDE
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
PHOENIX
SALT
GILA
RIVER
GILA
RIVER
COLORADO
RIVER

PLATE; SR 11


WINDY HILL QUAD
MEDDLER WASH QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

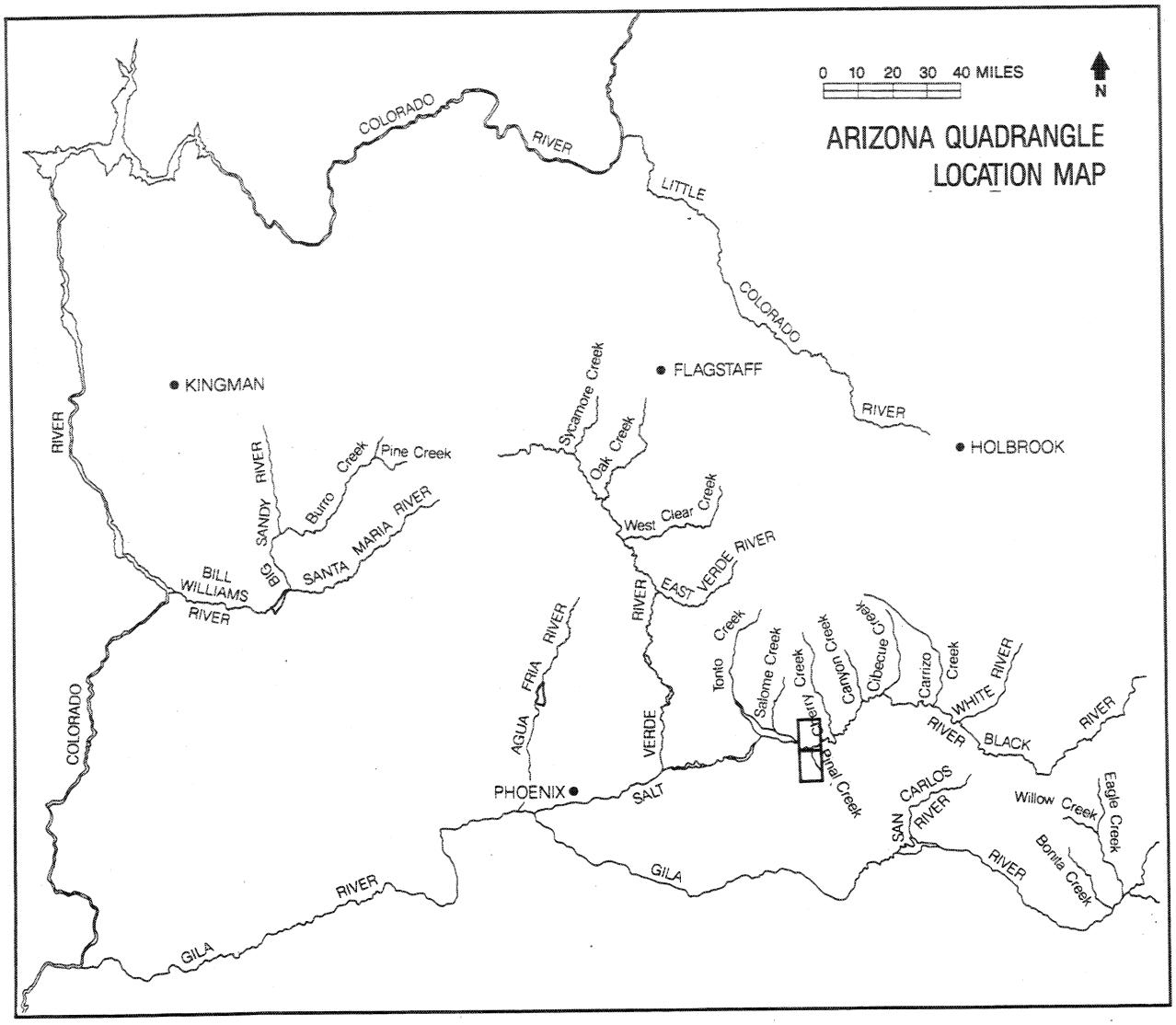
N

ARIZONA
BALD EAGLE PROJECT

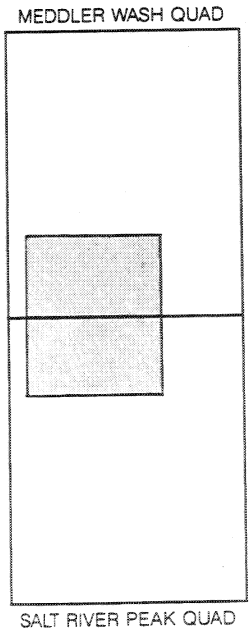
RIVER MAP ATLAS

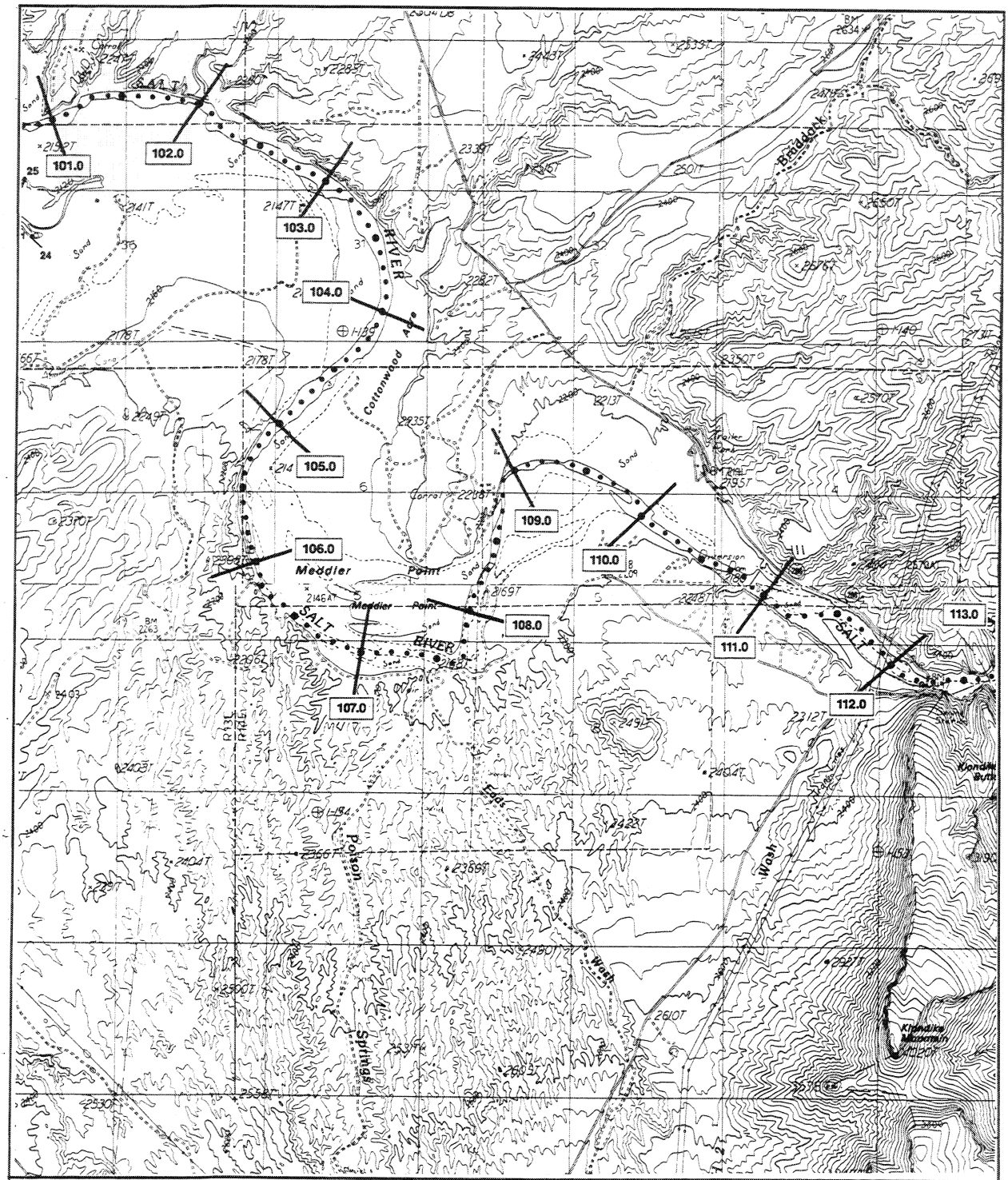
Salt River
Plate; SR 11

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
VERDE RIVER
Pine Creek
Burro Creek
SANDY RIVER
BIG SANTA MARIA RIVER
BILL WILLIAMS RIVER
AGUA FRIA RIVER
Tonto Creek
Salome Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
SALT RIVER
GILA RIVER

PLATE; SR 12


MEDDLER WASH QUAD
SALT RIVER PEAK QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

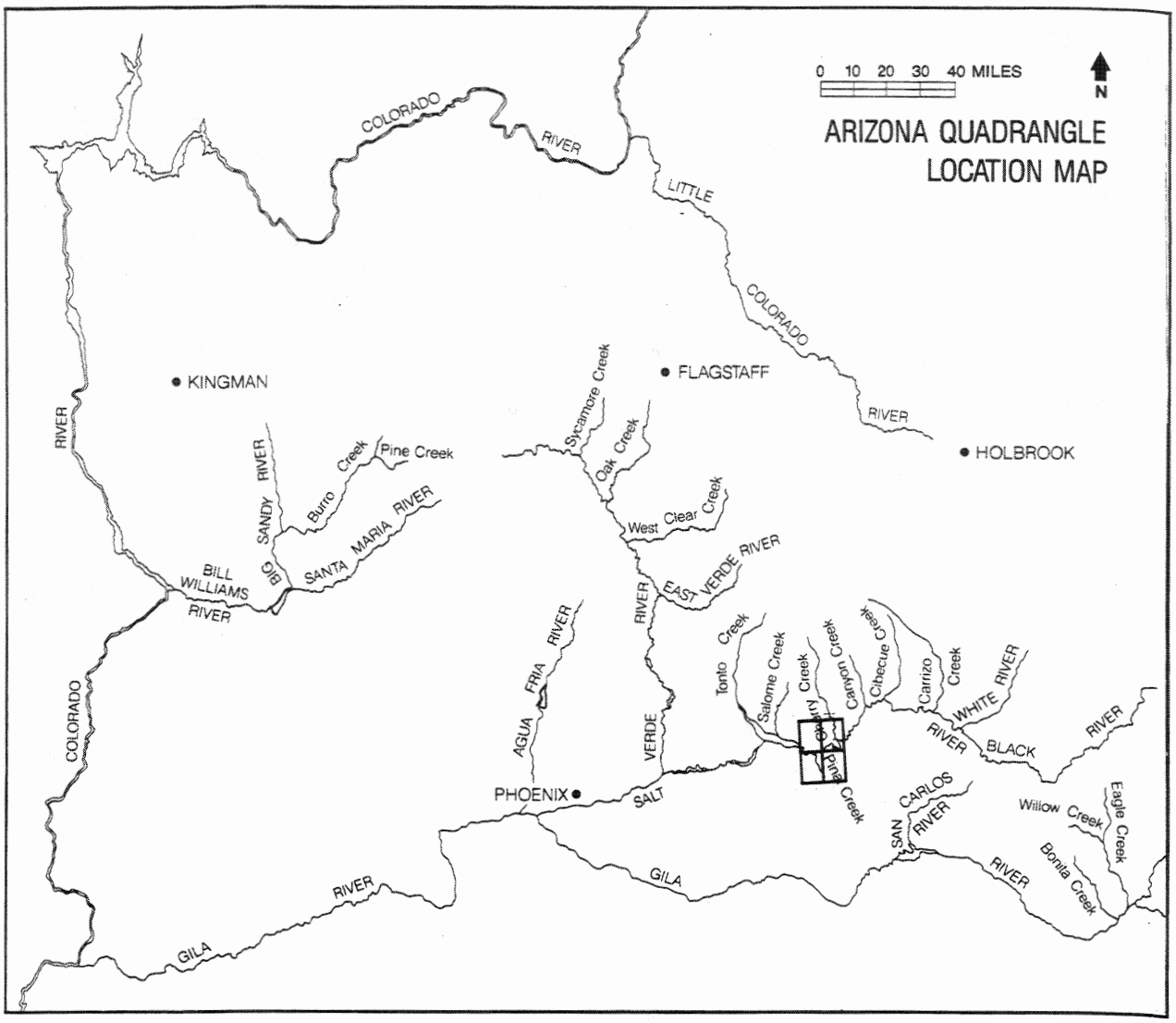
N

ARIZONA
BALD EAGLE PROJECT

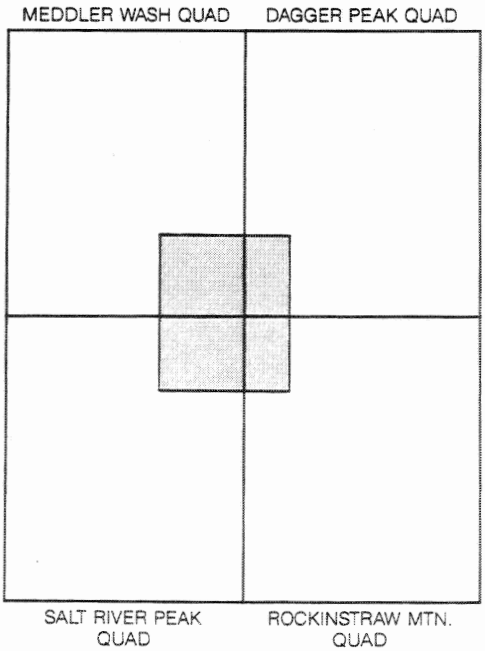
RIVER MAP ATLAS

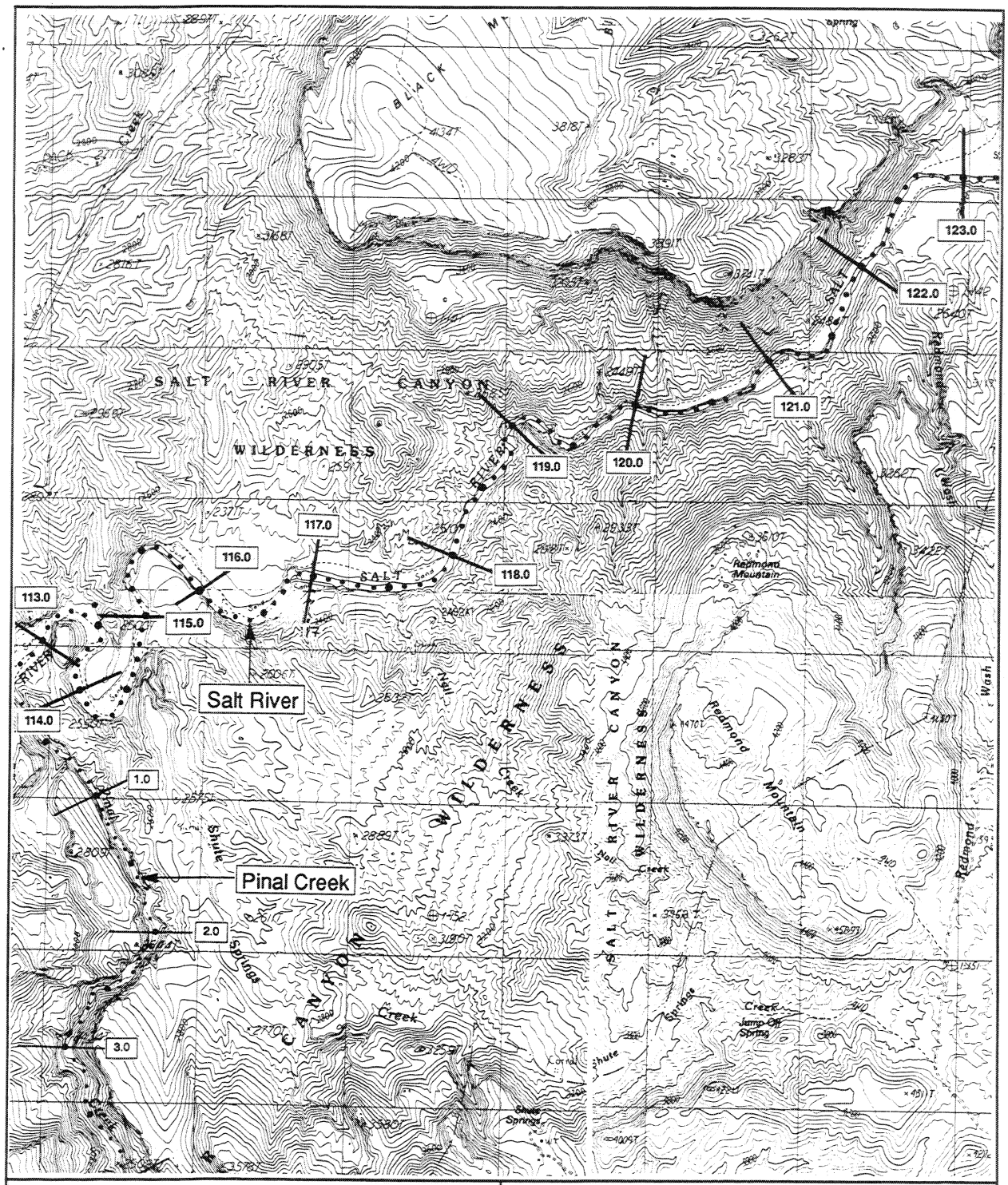
Salt River
Plate; SR 12

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
Pine Creek
Burro Creek
SANDY RIVER
BIG SANTA MARIA RIVER
BILL WILLIAMS RIVER
AGUA FRIA RIVER
VERDE RIVER
Tonto Creek
Salome Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
SALT RIVER
GILA RIVER

PLATE; SR 13


MEDDLER WASH QUAD
DAGGER PEAK QUAD
SALT RIVER PEAK QUAD
ROCKINSTRAW MTN. QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

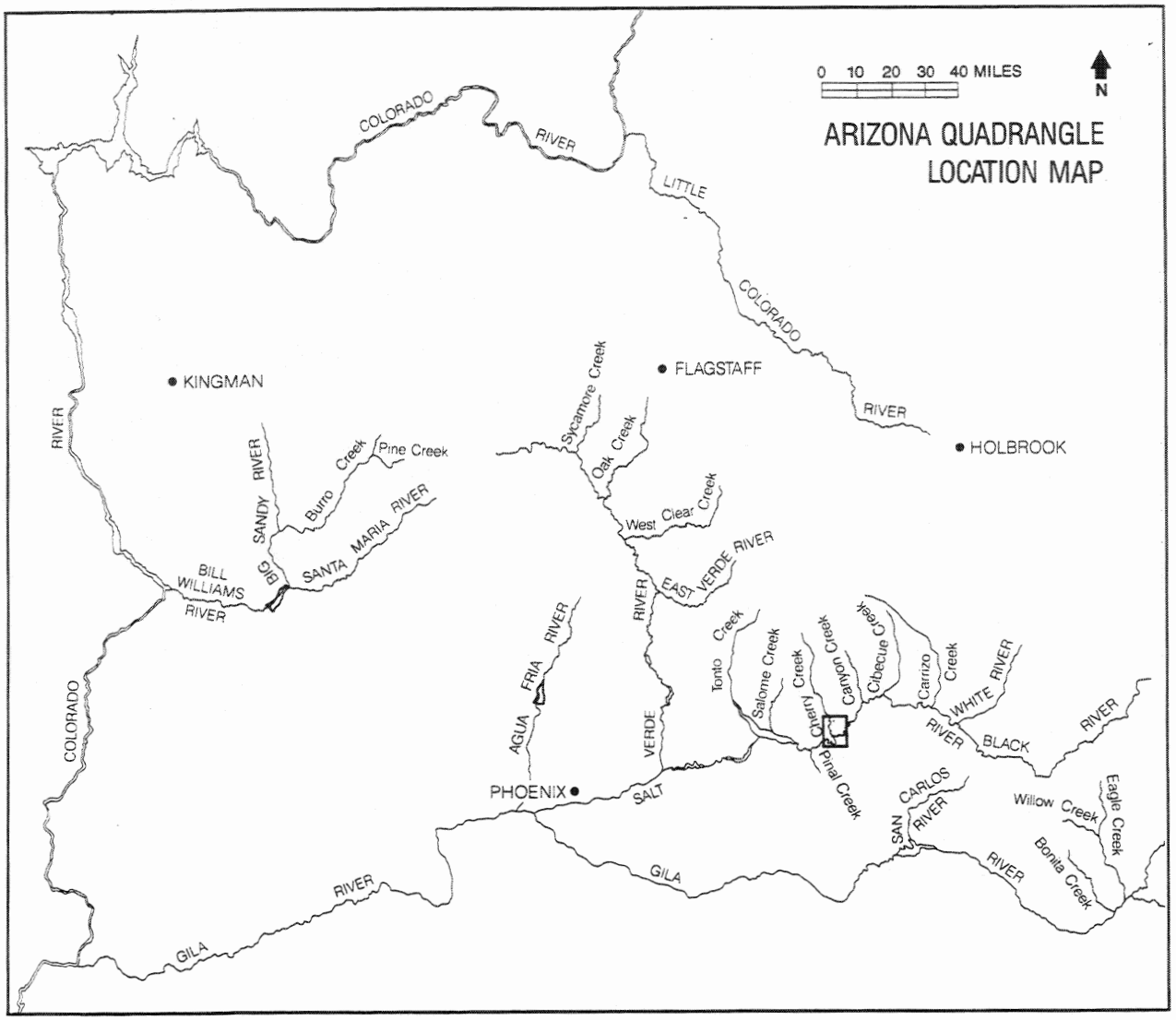
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

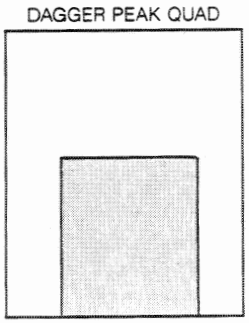
Salt River
Plate; SR 13

Prepared by: BioSystems Analysis, Inc.



PLATE; SR 14

DAGGER PEAK QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

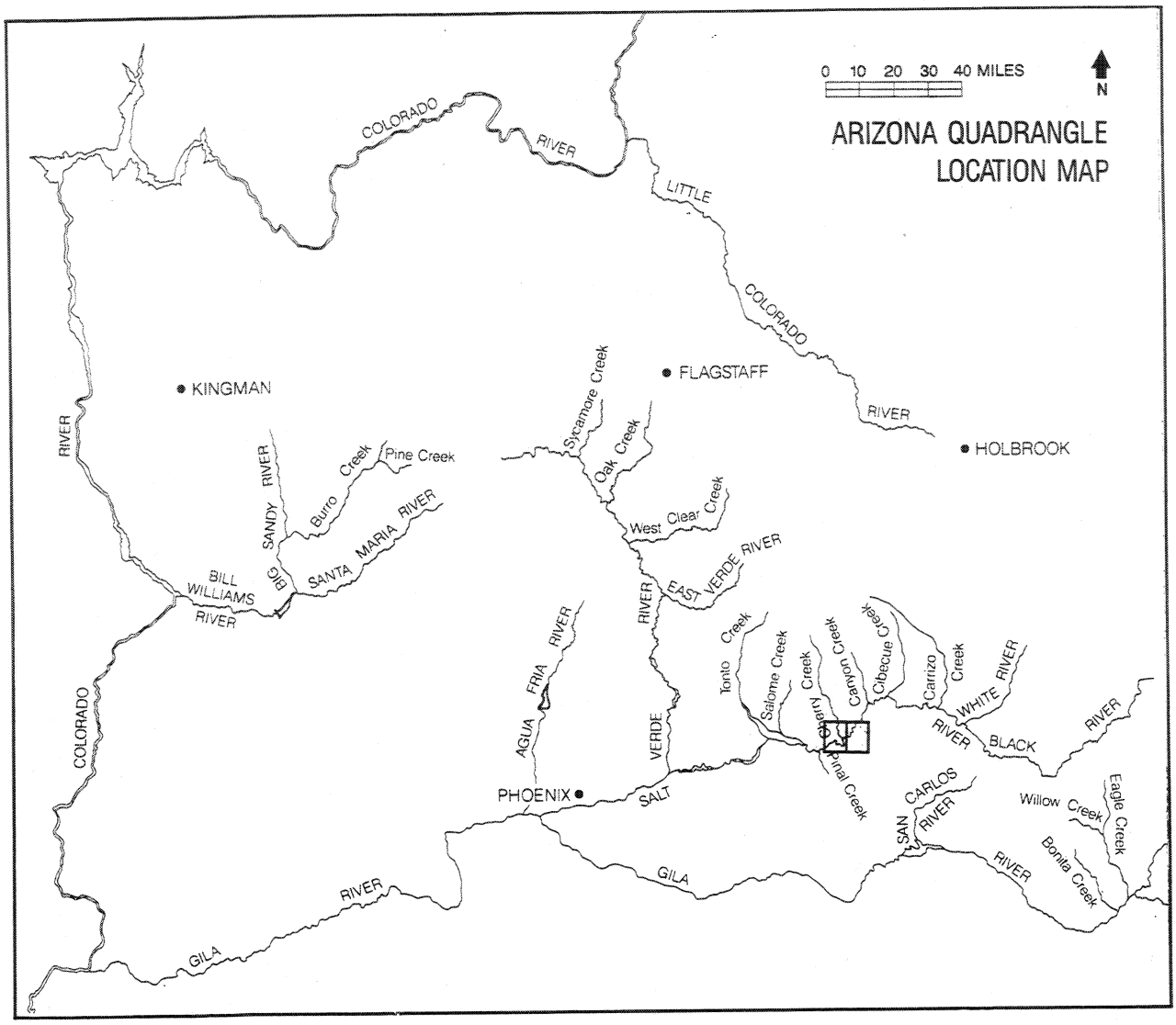
N

ARIZONA
BALD EAGLE PROJECT

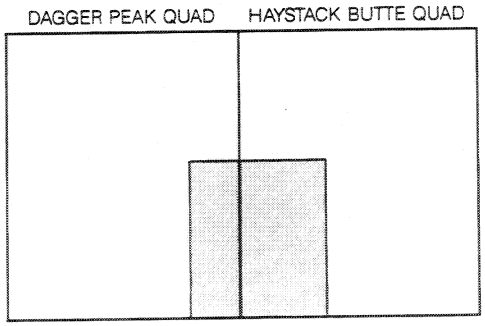
RIVER MAP ATLAS

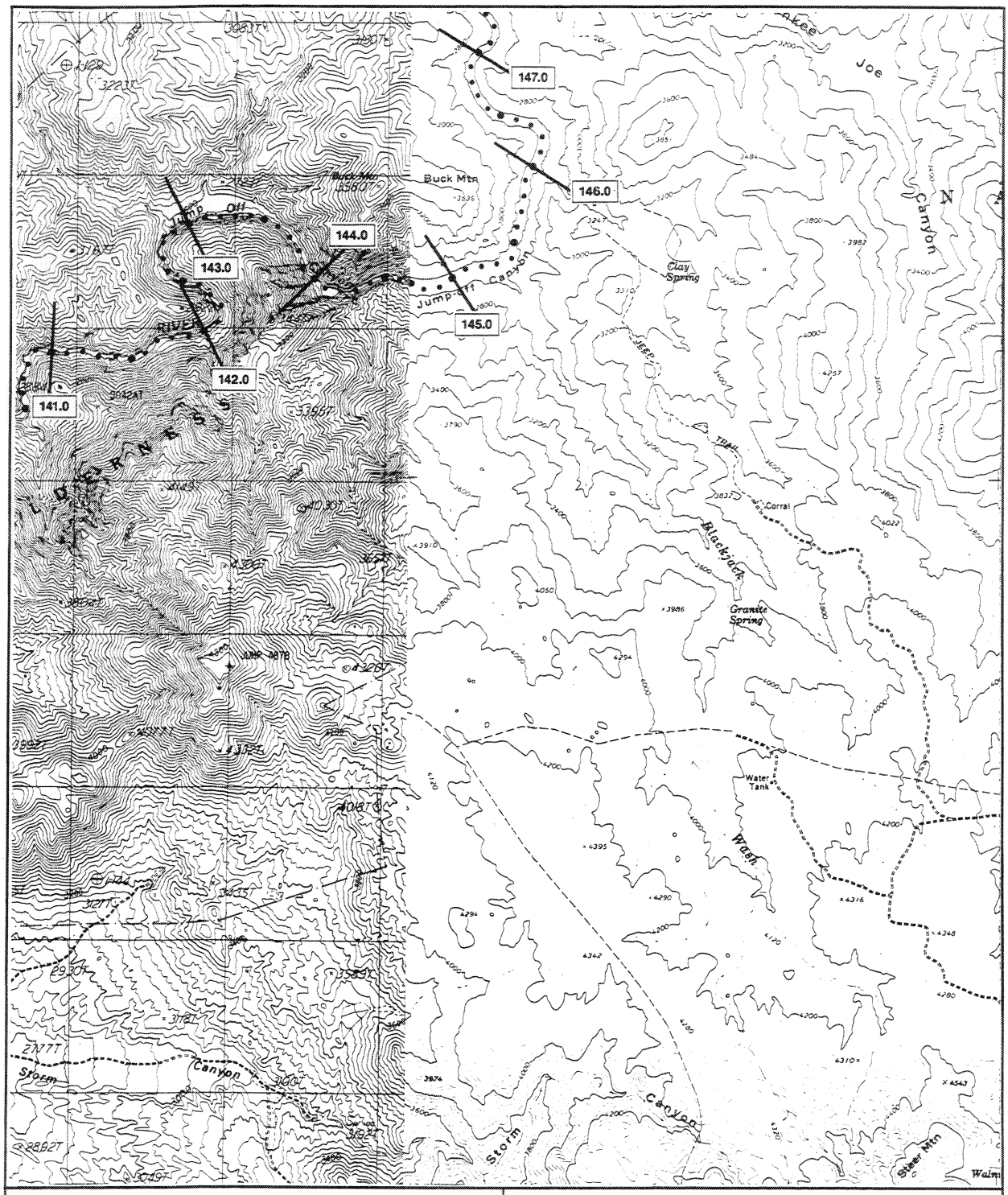
Salt River
Plate; SR 14

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO
RIVER
LITTLE
COLORADO
RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
RIVER
COLORADO
BILL
WILLIAMS
RIVER
SANDY
RIVER
BIG
Burro
Creek
Pine Creek
SANTA
MARIA
RIVER
Sycamore Creek
Oak Creek
West Clear Creek
EAST
VERDE
RIVER
RIVER
AGUA
FRIA
RIVER
VERDE
Tonto
Creek
Salome Creek
Sheary Creek
Canyon Creek
Cibecue Creek
Carrizo
Creek
WHITE
RIVER
RIVER
BLACK
RIVER
Pinal Creek
PHOENIX
SALT
SAN
CARLOS
RIVER
Willow Creek
Eagle Creek
Bonita Creek
RIVER
GILA
RIVER
GILA

PLATE; SR 15


DAGGER PEAK QUAD
HAYSTACK BUTTE QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

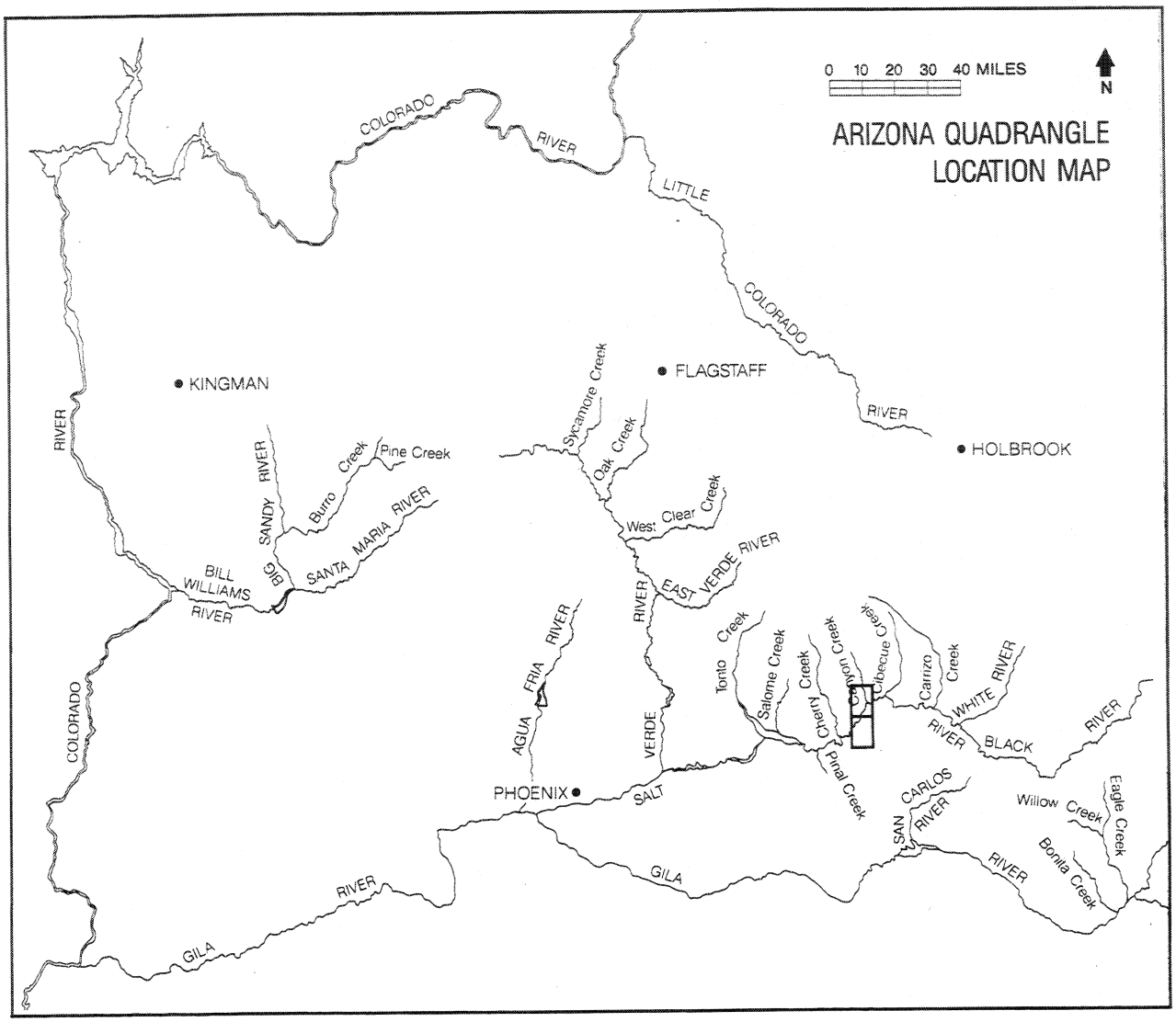
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

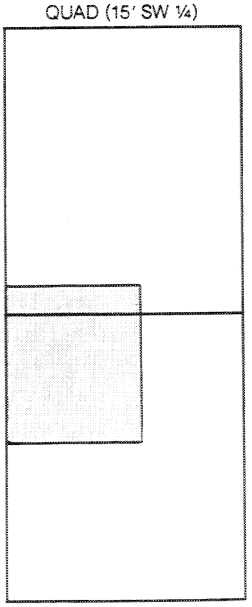
Salt River
Plate; SR 15

Prepared by: BioSystems Analysis, Inc.

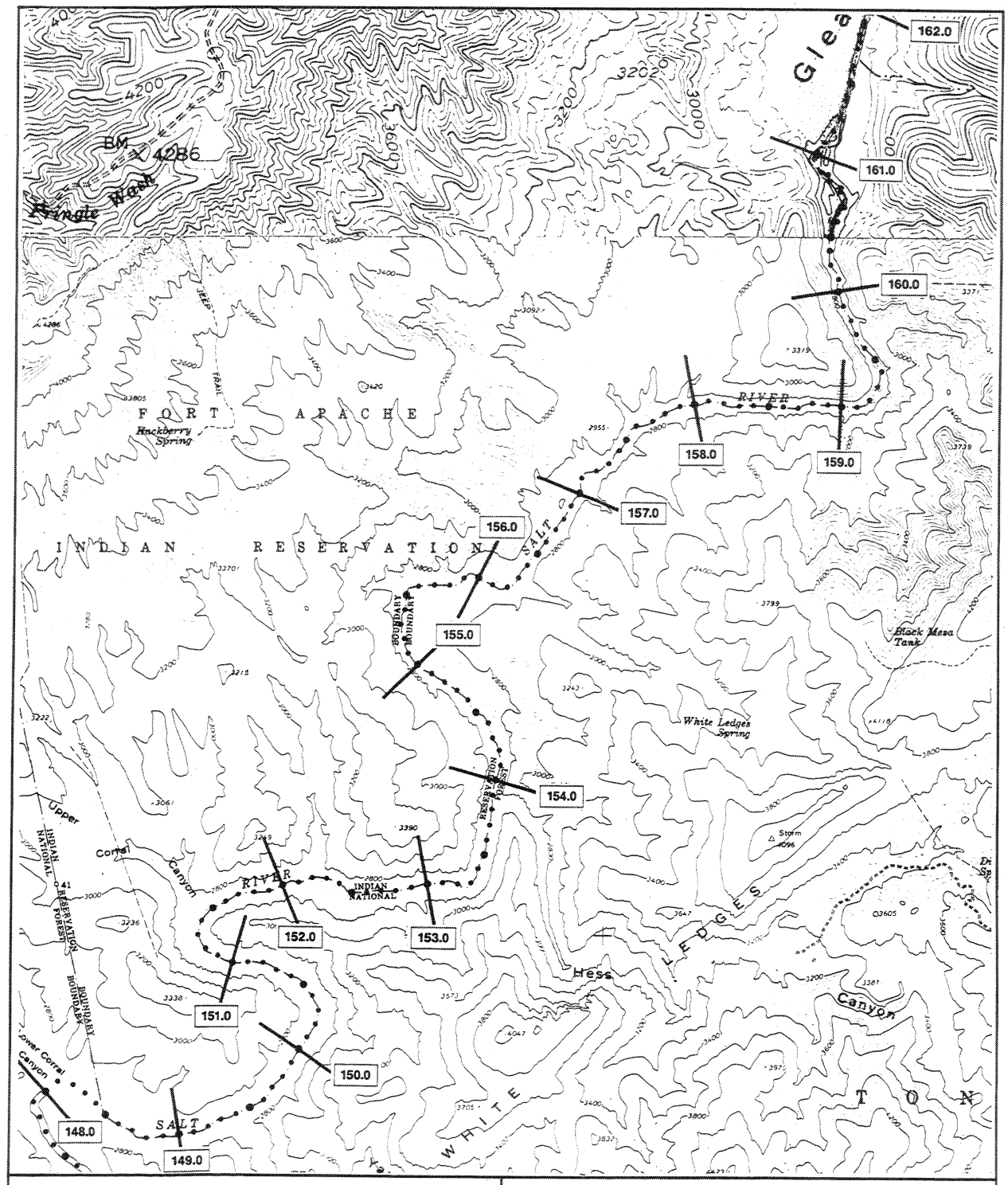


PLATE; SR 16

BLUE HOUSE MTN.
QUAD (15′ SW ¼)



HAYSTACK BUTTE QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

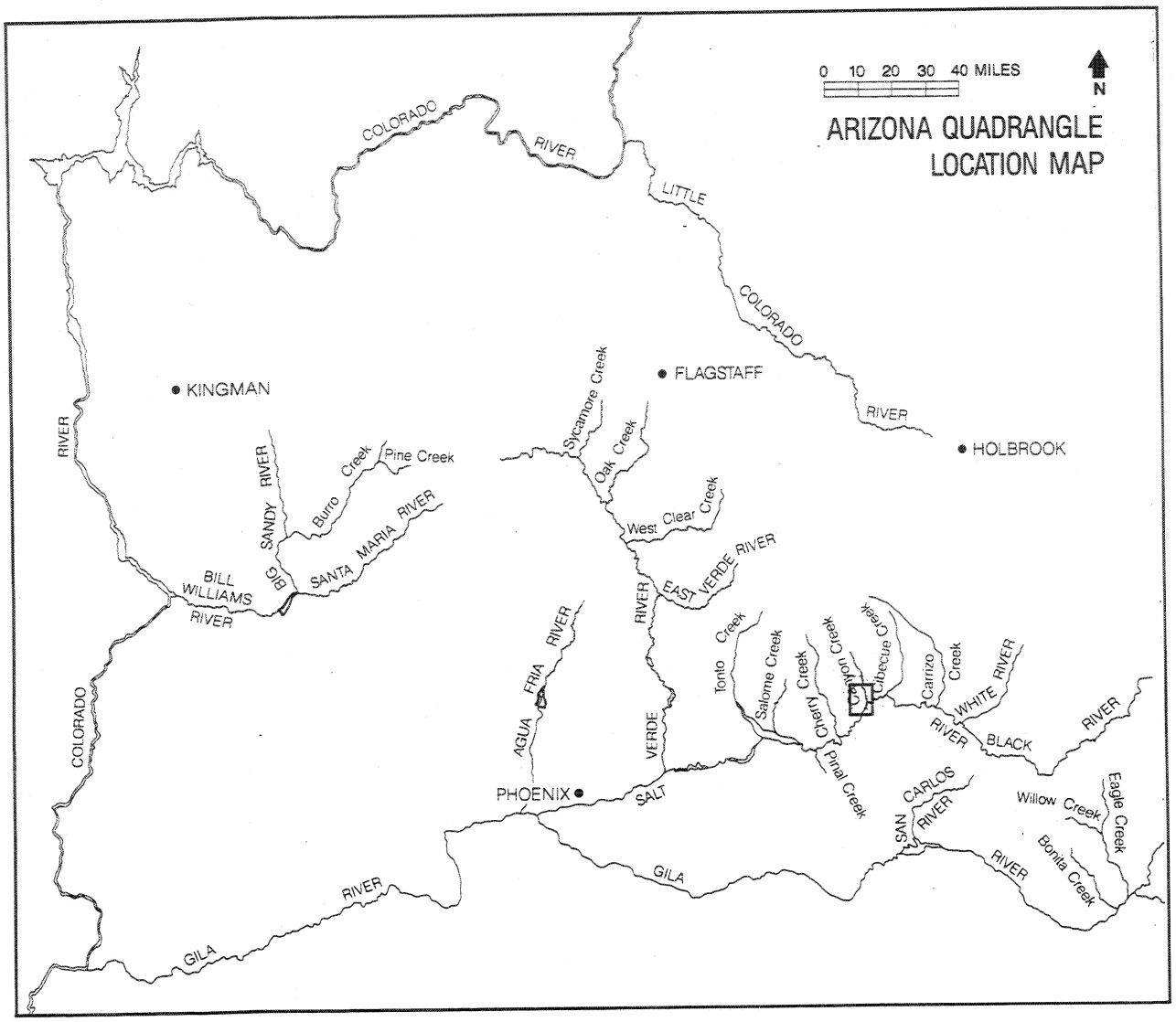
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

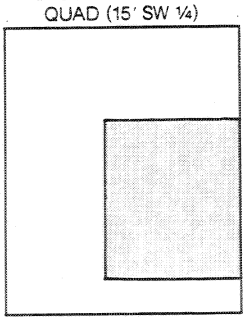
Salt River
Plate; SR 16

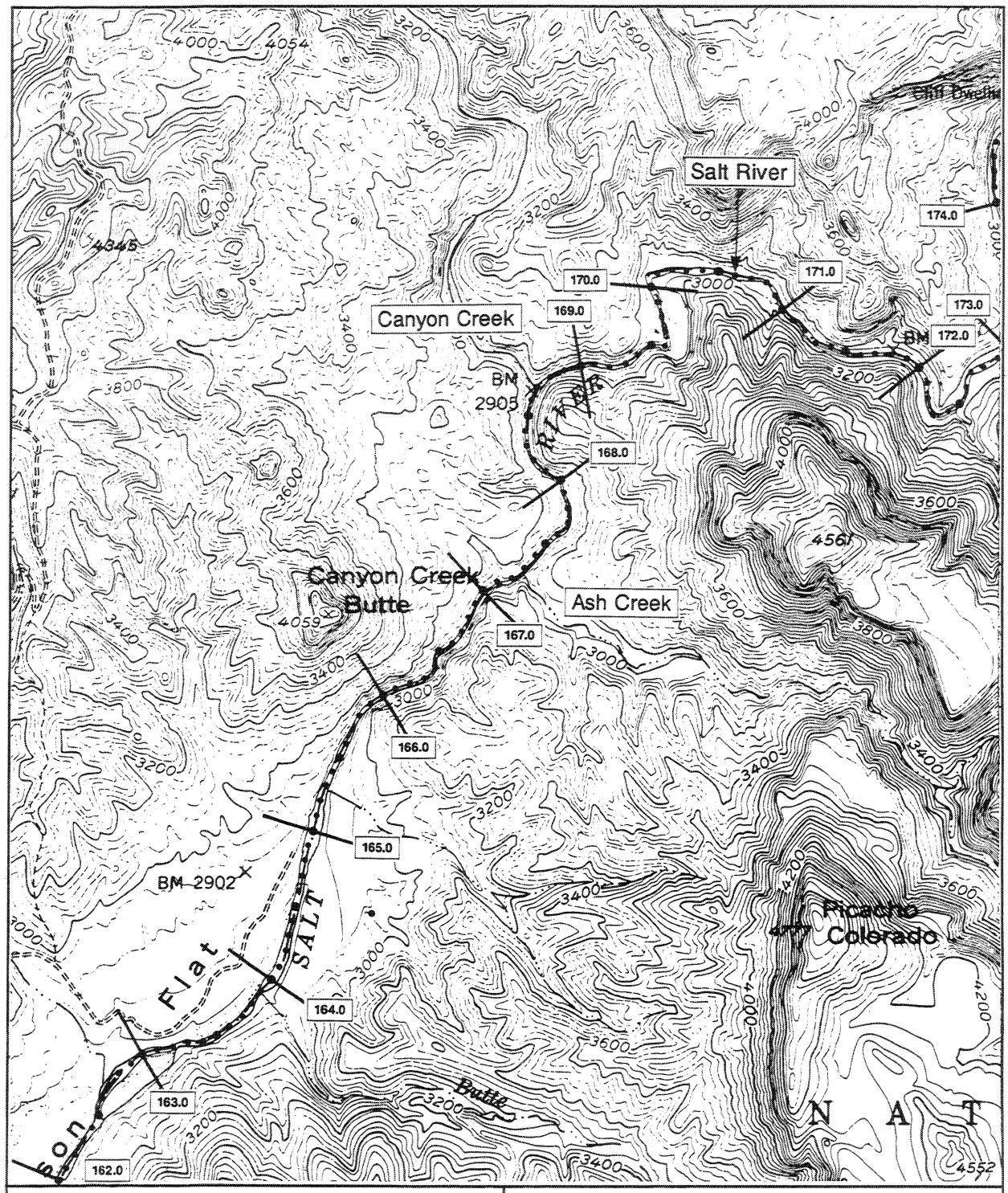
Prepared by: BioSystems Analysis, Inc.



PLATE; SR 17

BLUE HOUSE MTN.
QUAD (15′ SW ¼)





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

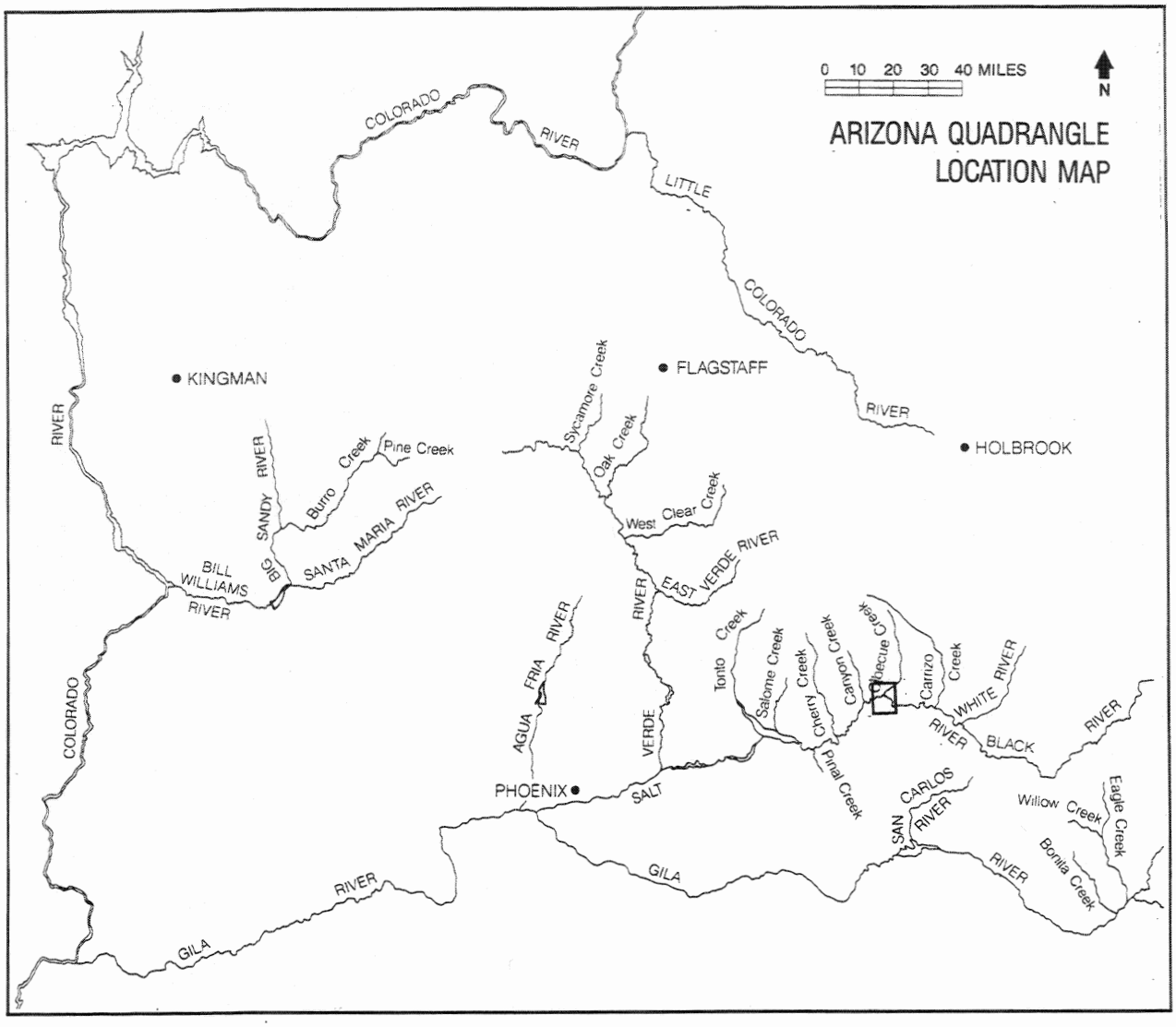
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

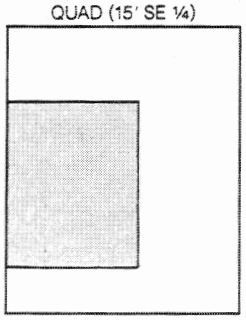
Salt River
Plate; SR 17

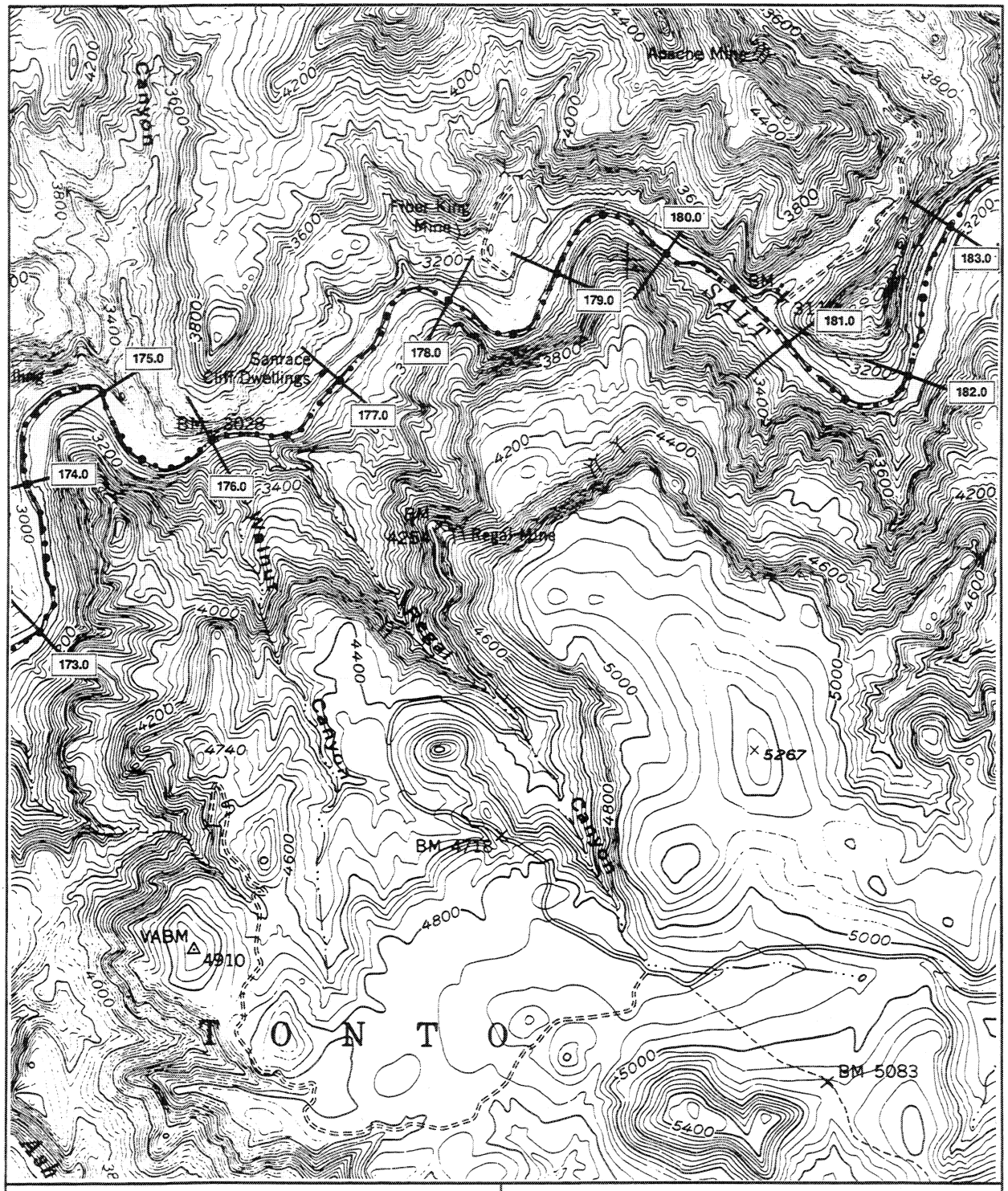
Prepared by: BioSystems Analysis, Inc.



PLATE; SR 18

BLUE HOUSE MTN.
QUAD (15′ SE ¼)





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

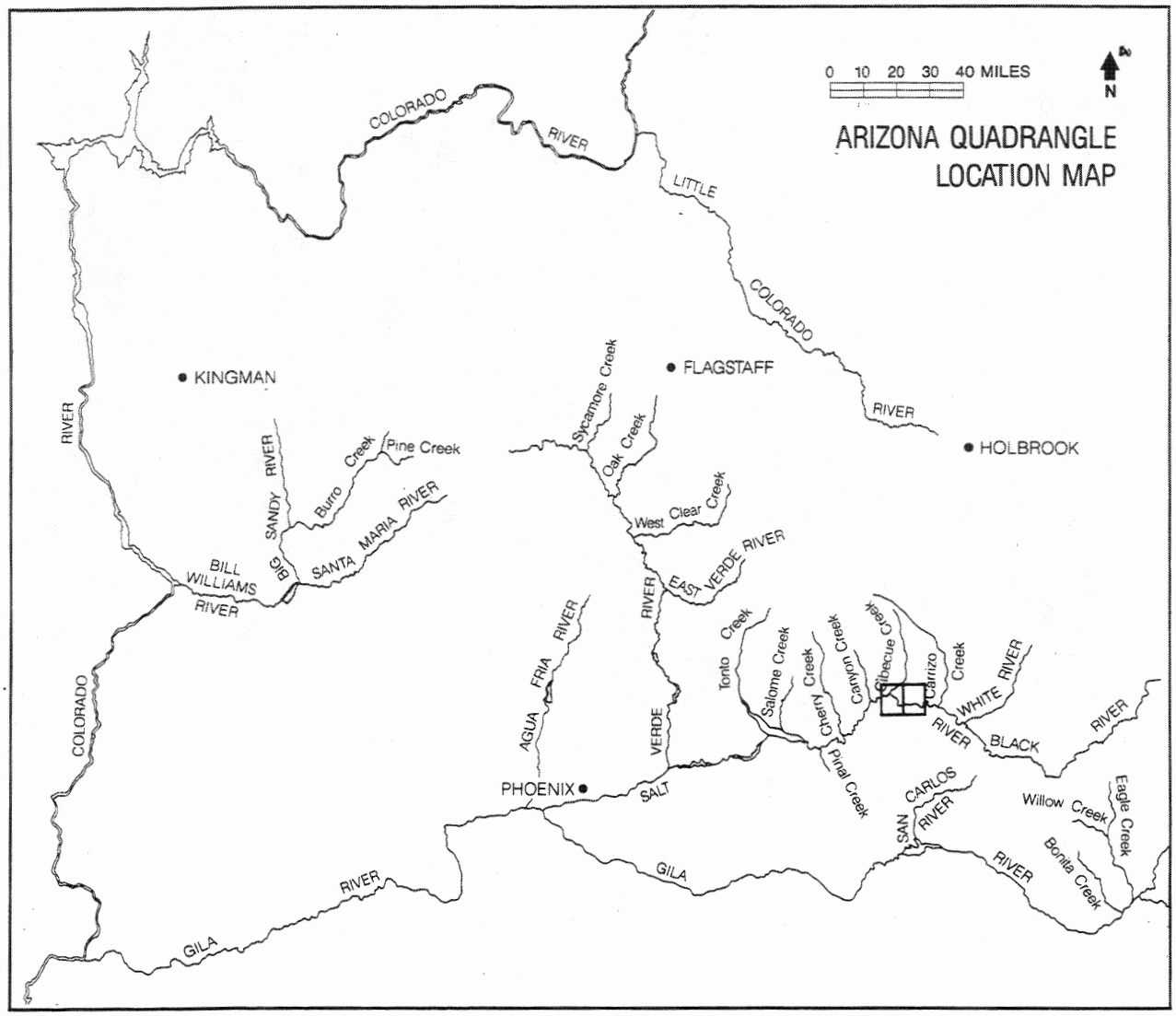
N

ARIZONA
BALD EAGLE PROJECT

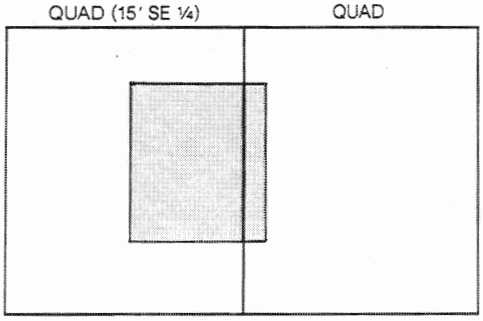
RIVER MAP ATLAS

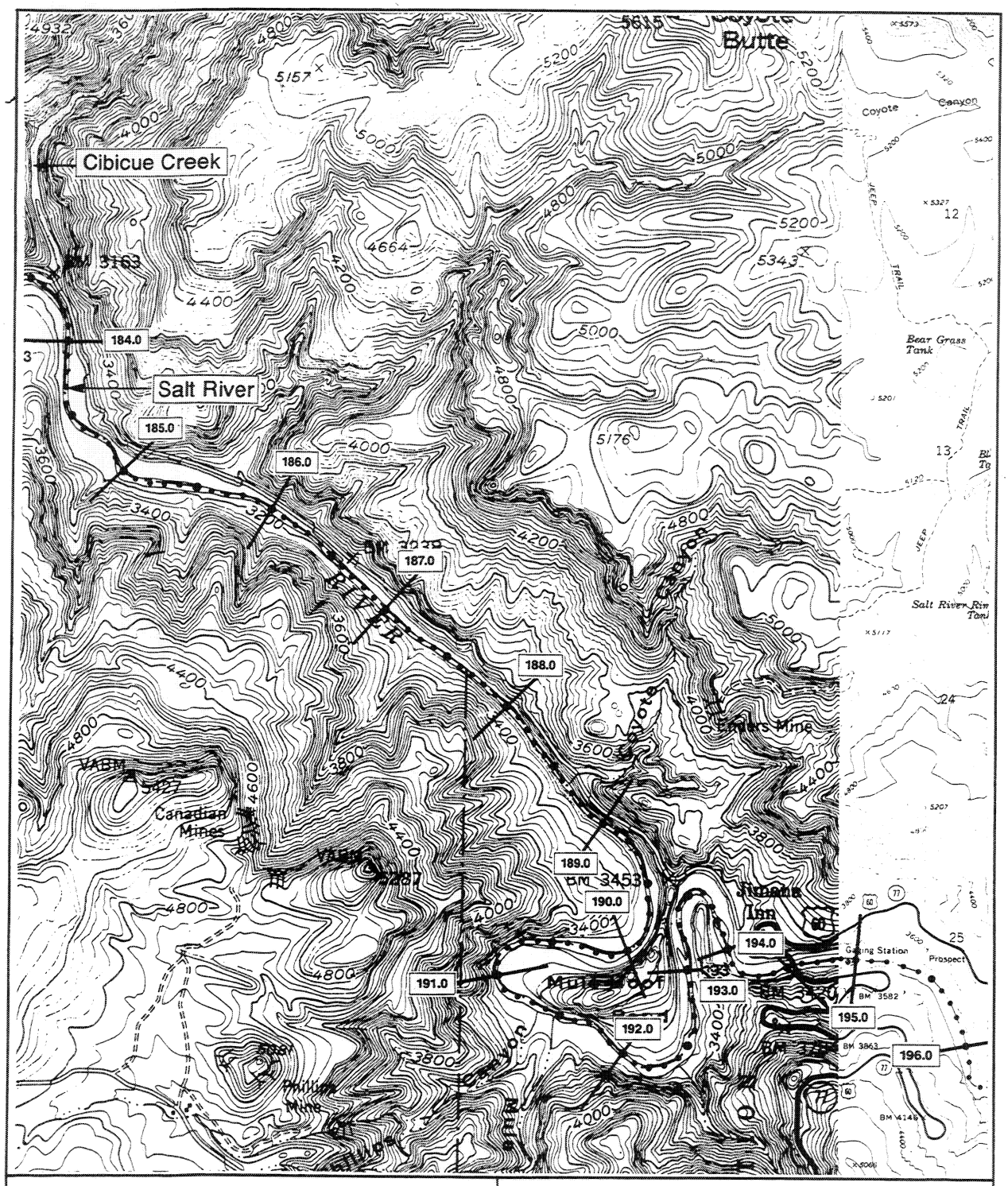
Salt River
Plate; SR 18

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
BILL WILLIAMS RIVER
SANDY RIVER
Burro Creek
Pine Creek
BIG SANTA MARIA RIVER
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
AGUA FRIA RIVER
VERDE RIVER
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Gibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
SALT RIVER
GILA RIVER

PLATE; SR 19


BLUE HOUSE MTN.
QUAD (15′ SE ¼)
BECKERS BUTTE
QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

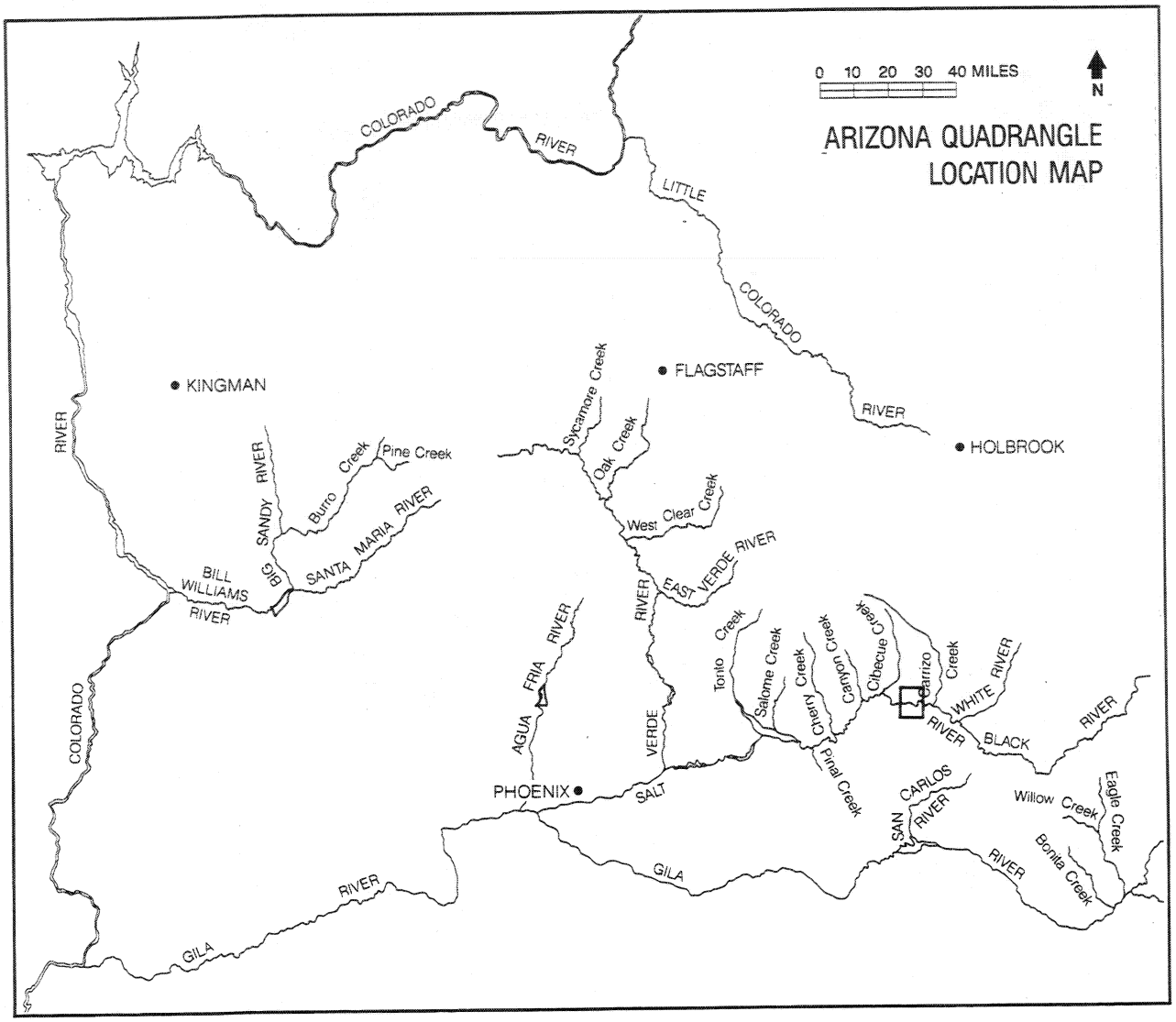
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

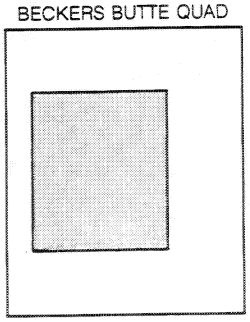
Salt River
Plate; SR 19

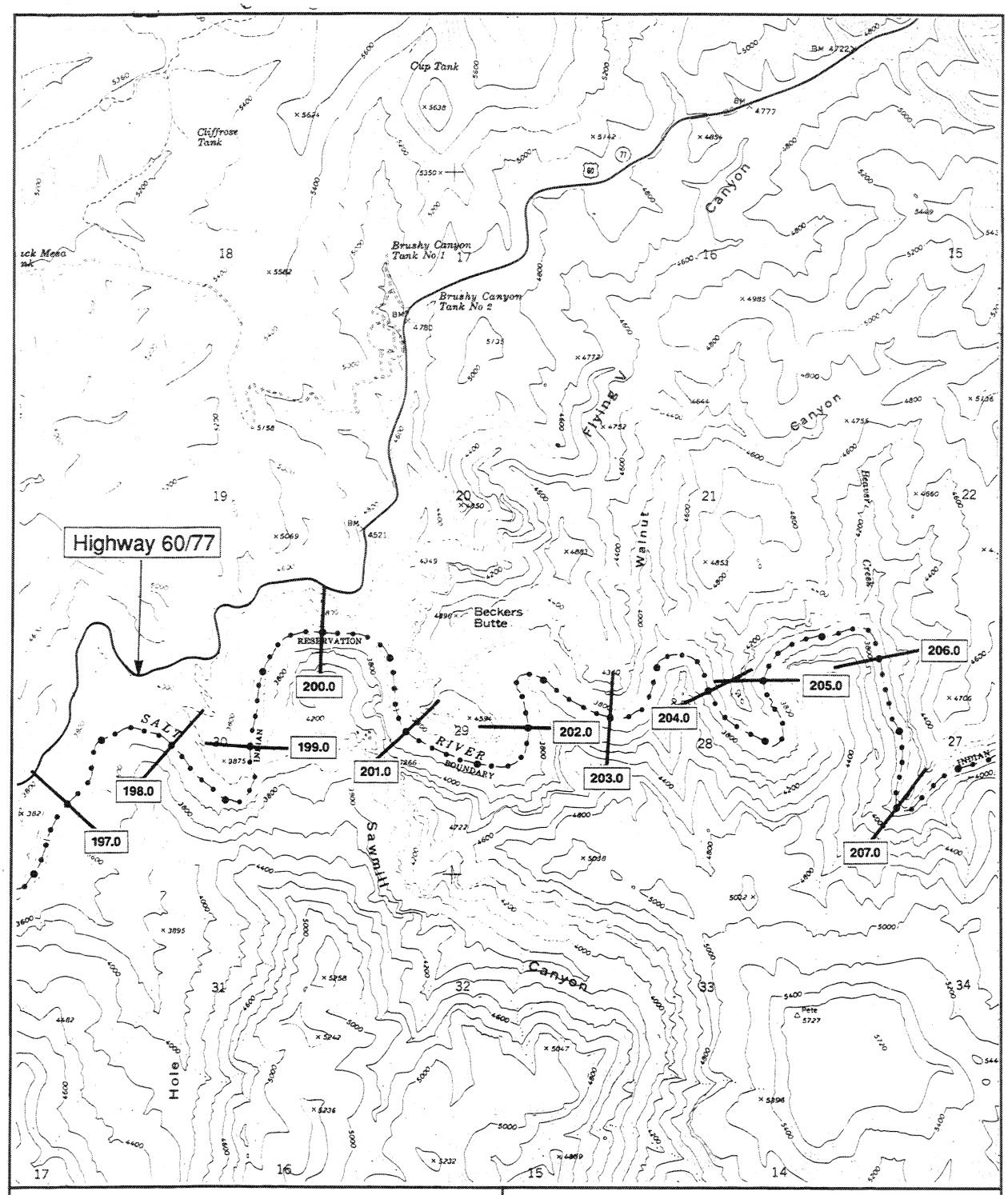
Prepared by: BioSystems Analysis, Inc.



PLATE; SR 20

BECKERS BUTTE QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

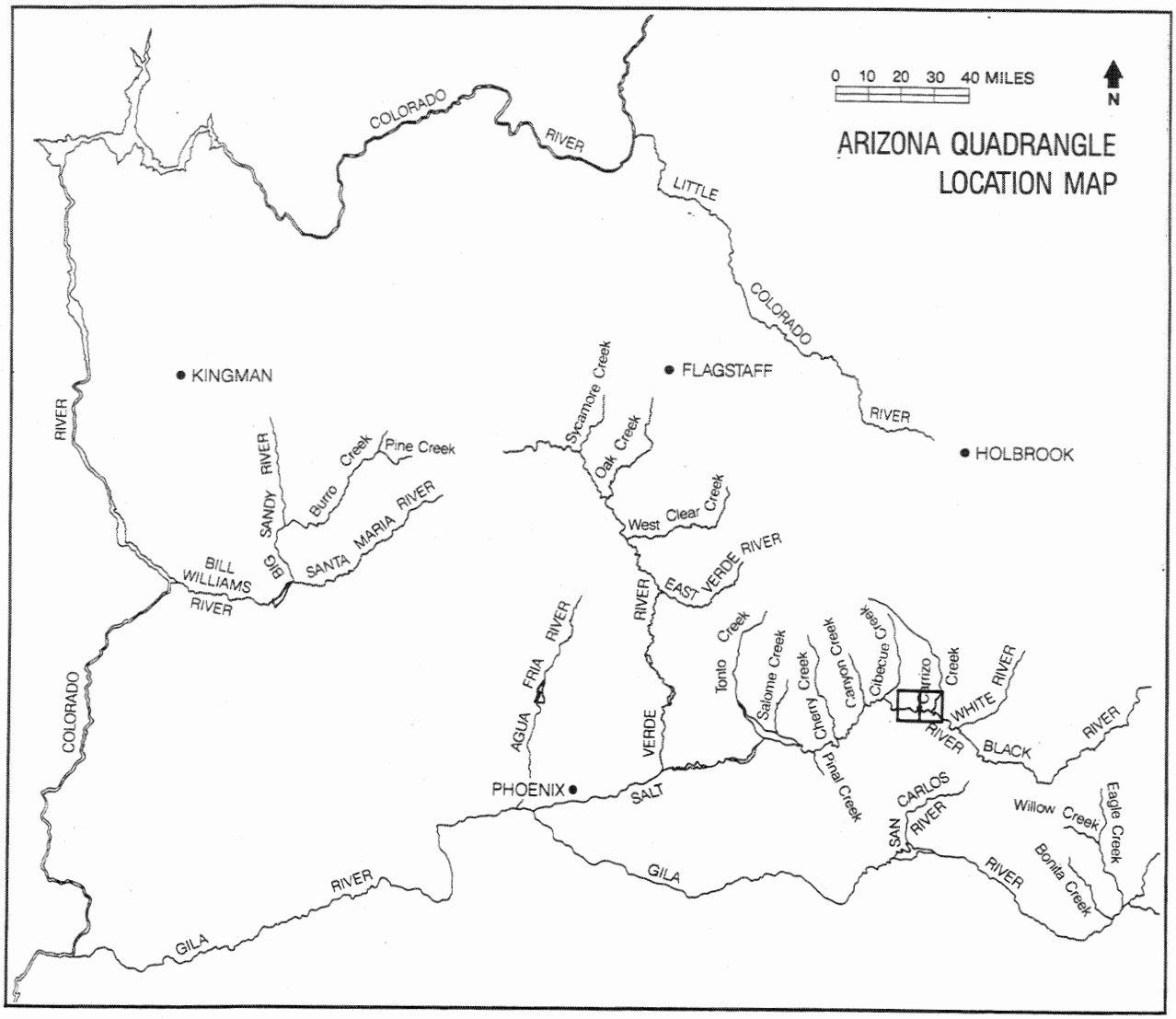
N

ARIZONA
BALD EAGLE PROJECT

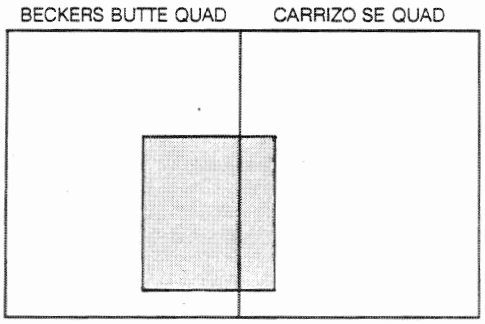
RIVER MAP ATLAS

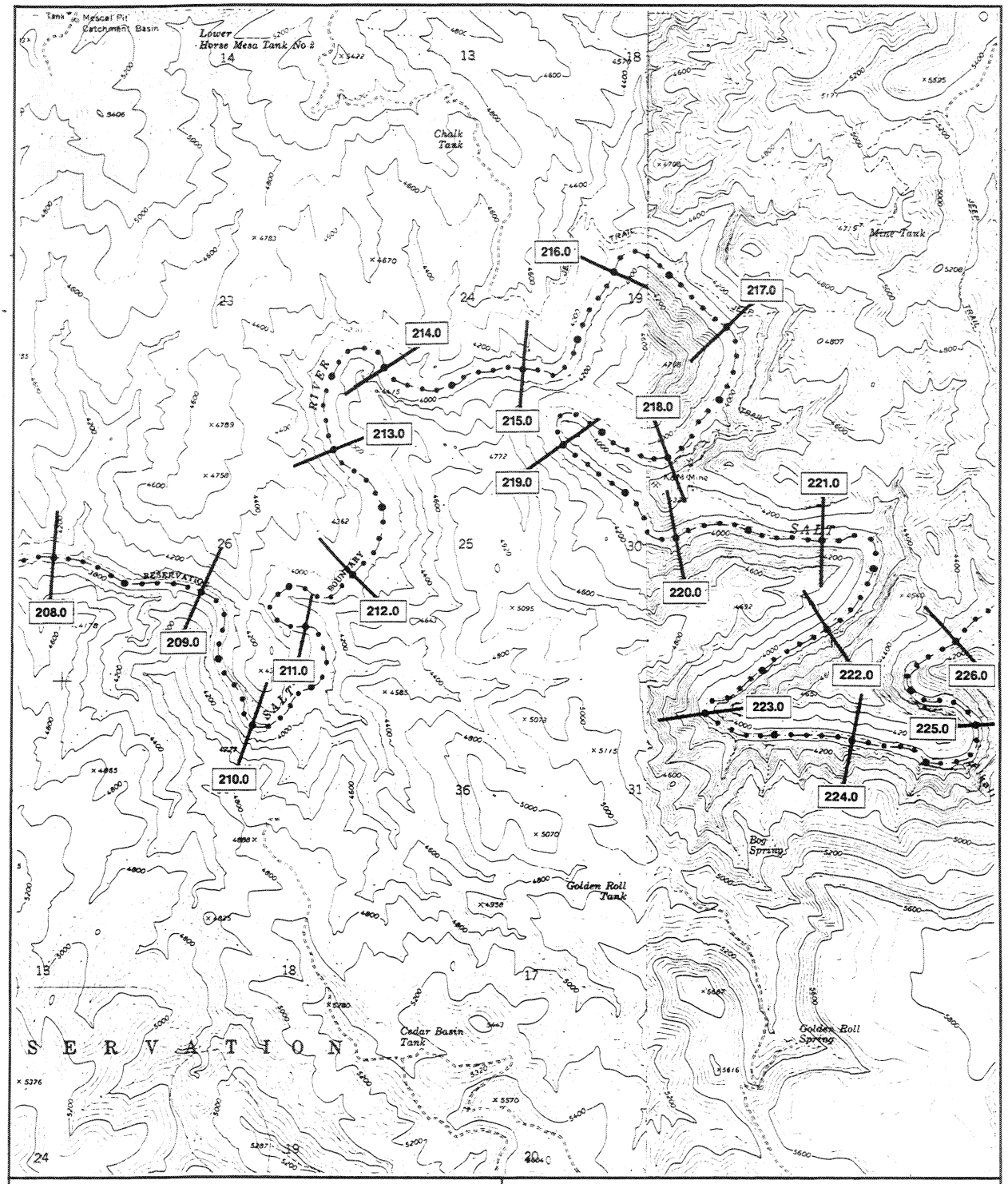
Salt River
Plate; SR 20

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO
RIVER
LITTLE
COLORADO
RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
RIVER
SANDY
RIVER
Burro
Creek
Pine Creek
Sycamore Creek
Oak Creek
West Clear Creek
BILL
WILLIAMS
RIVER
BIG
SANTA MARIA RIVER
EAST VERDE RIVER
RIVER
AGUA FRIA RIVER
VERDE
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK
RIVER
Pinal Creek
PHOENIX
SALT
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
RIVER
GILA
RIVER
GILA
COLORADO

PLATE; SR 21


BECKERS BUTTE QUAD
CARRIZO SE QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

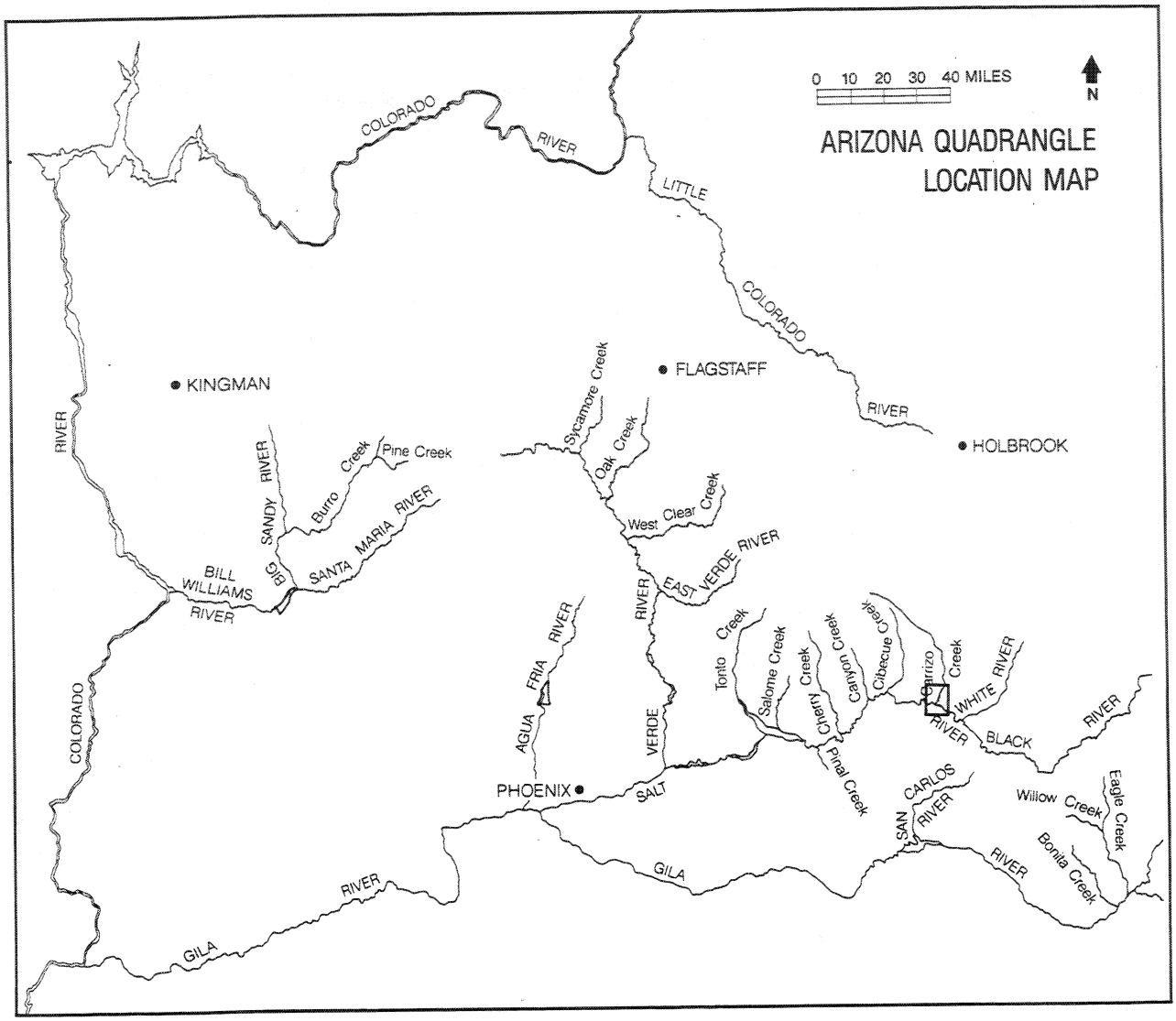
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

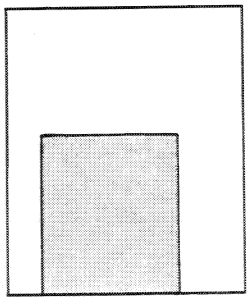
Salt River
Plate; SR 21

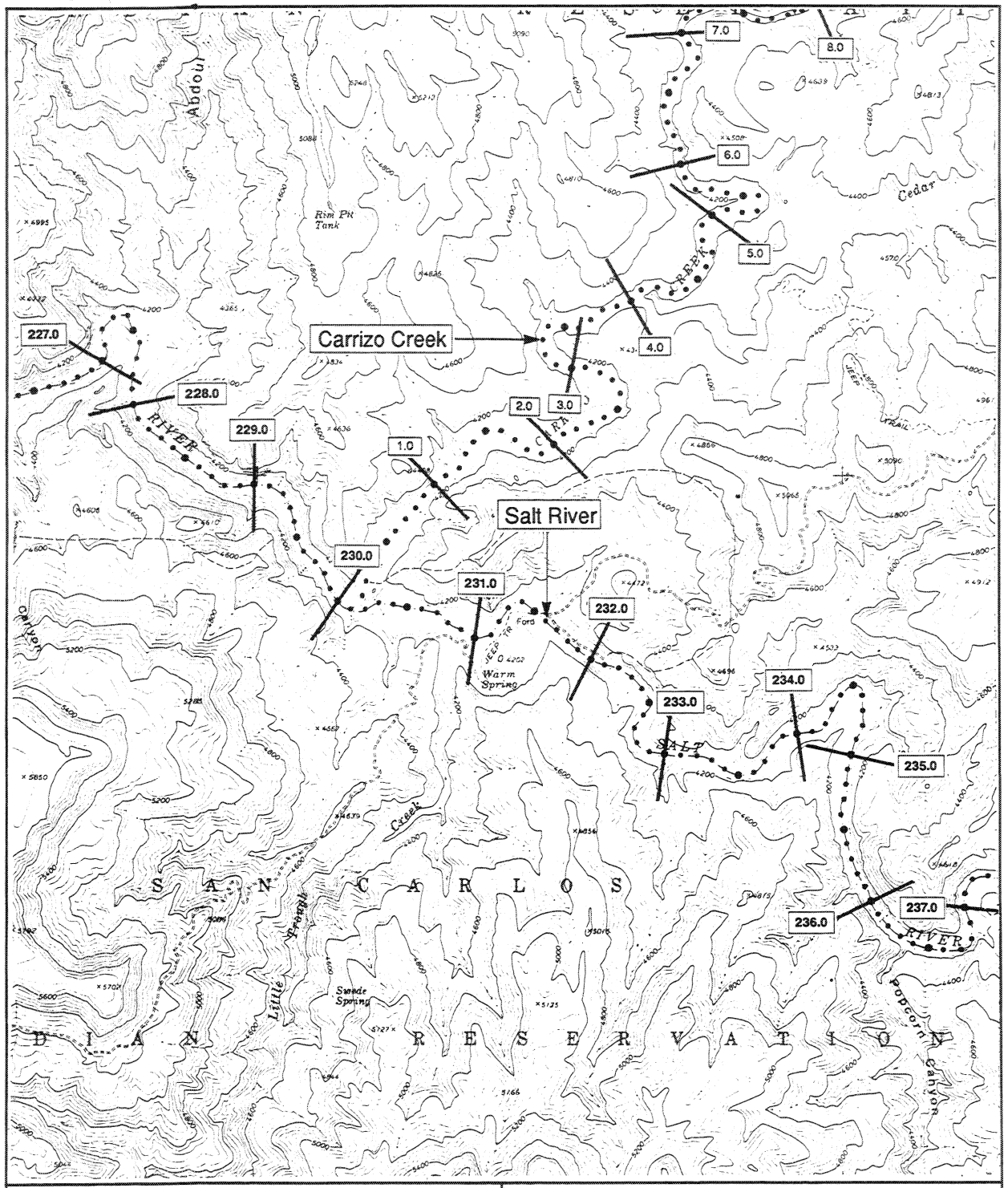
Prepared by: BioSystems Analysis, Inc.



PLATE; SR 22

CARRIZO SE QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

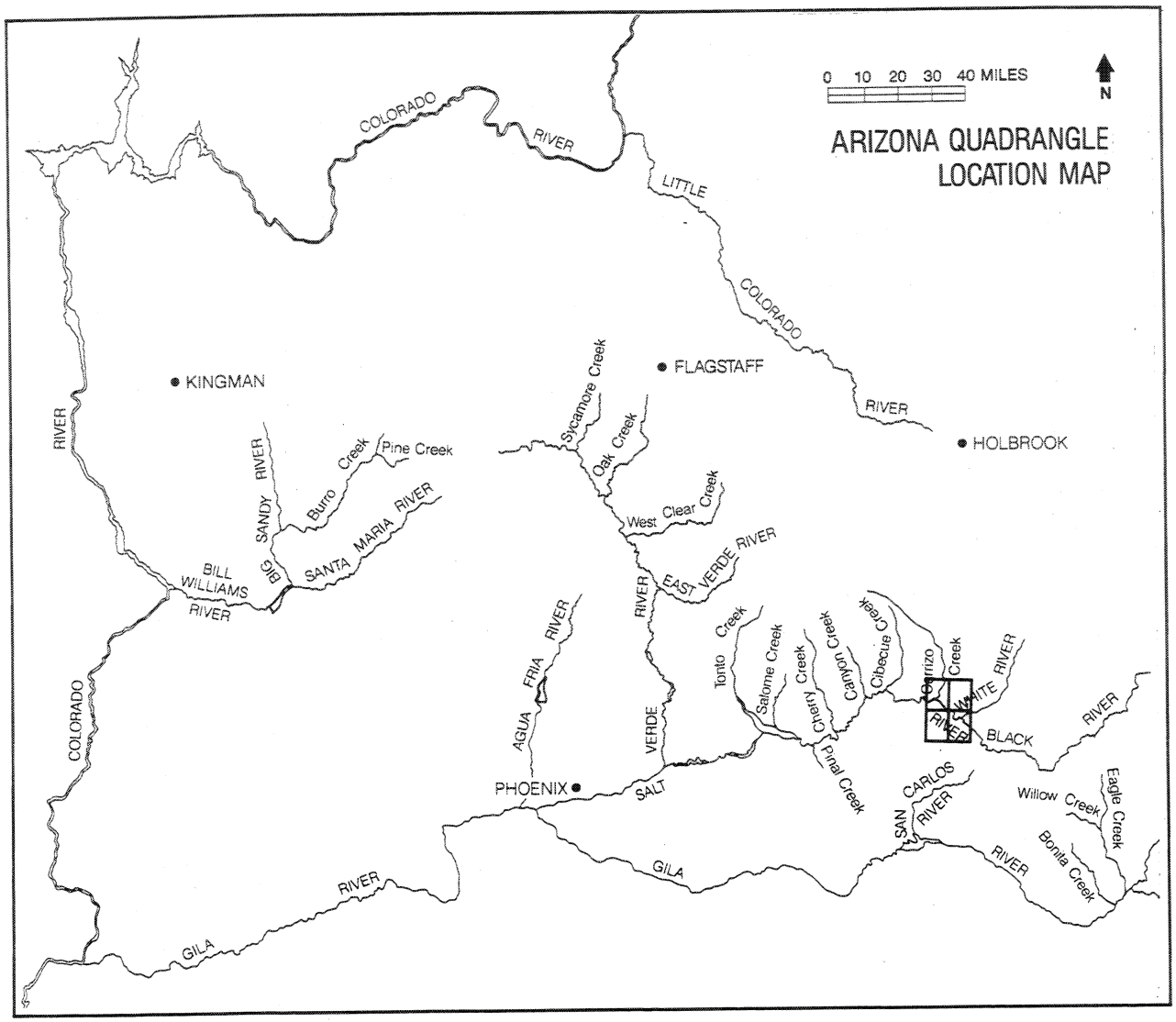
N

ARIZONA
BALD EAGLE PROJECT

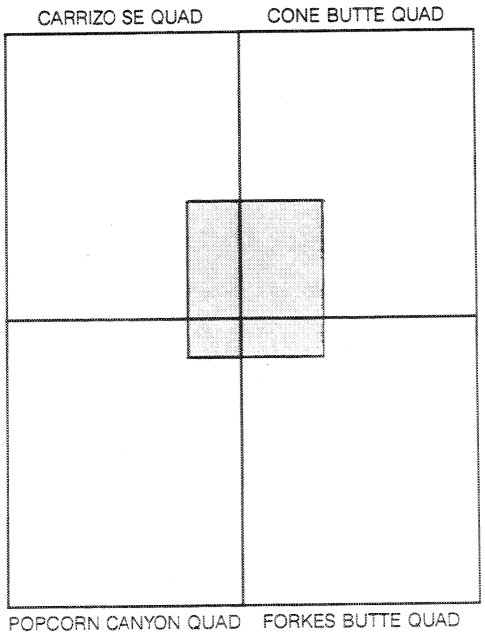
RIVER MAP ATLAS

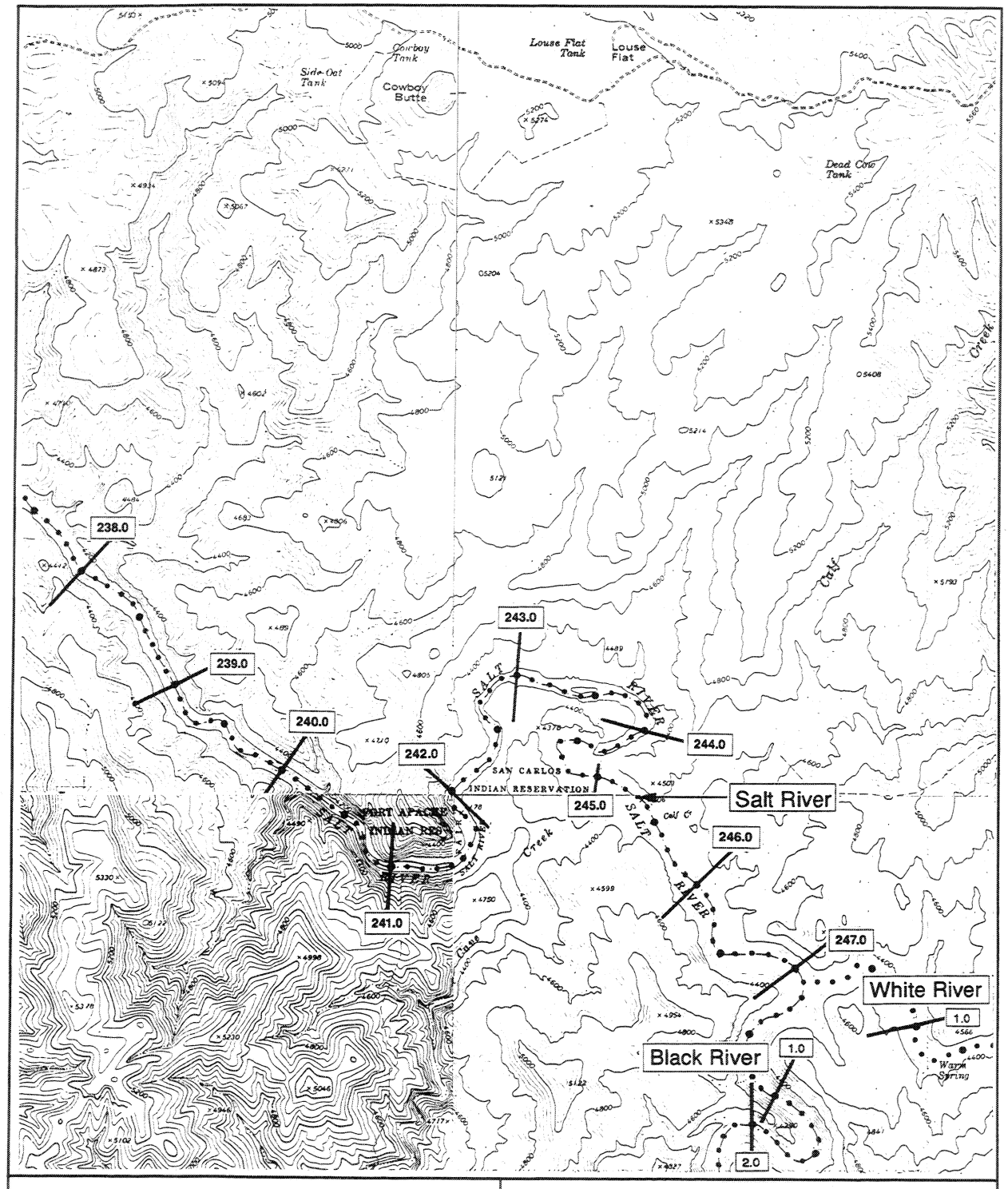
Salt River
Plate; SR 22

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
VERDE RIVER
Pine Creek
Burro Creek
SANDY RIVER
BIG SANDY RIVER
SANTA MARIA RIVER
BILL WILLIAMS RIVER
AGUA FRIA RIVER
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
SALT RIVER
GILA RIVER
GILA RIVER
COLORADO RIVER

PLATE; SR 23


CARRIZO SE QUAD
CONE BUTTE QUAD
POPCORN CANYON QUAD
FORKES BUTTE QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

N

ARIZONA
BALD EAGLE PROJECT

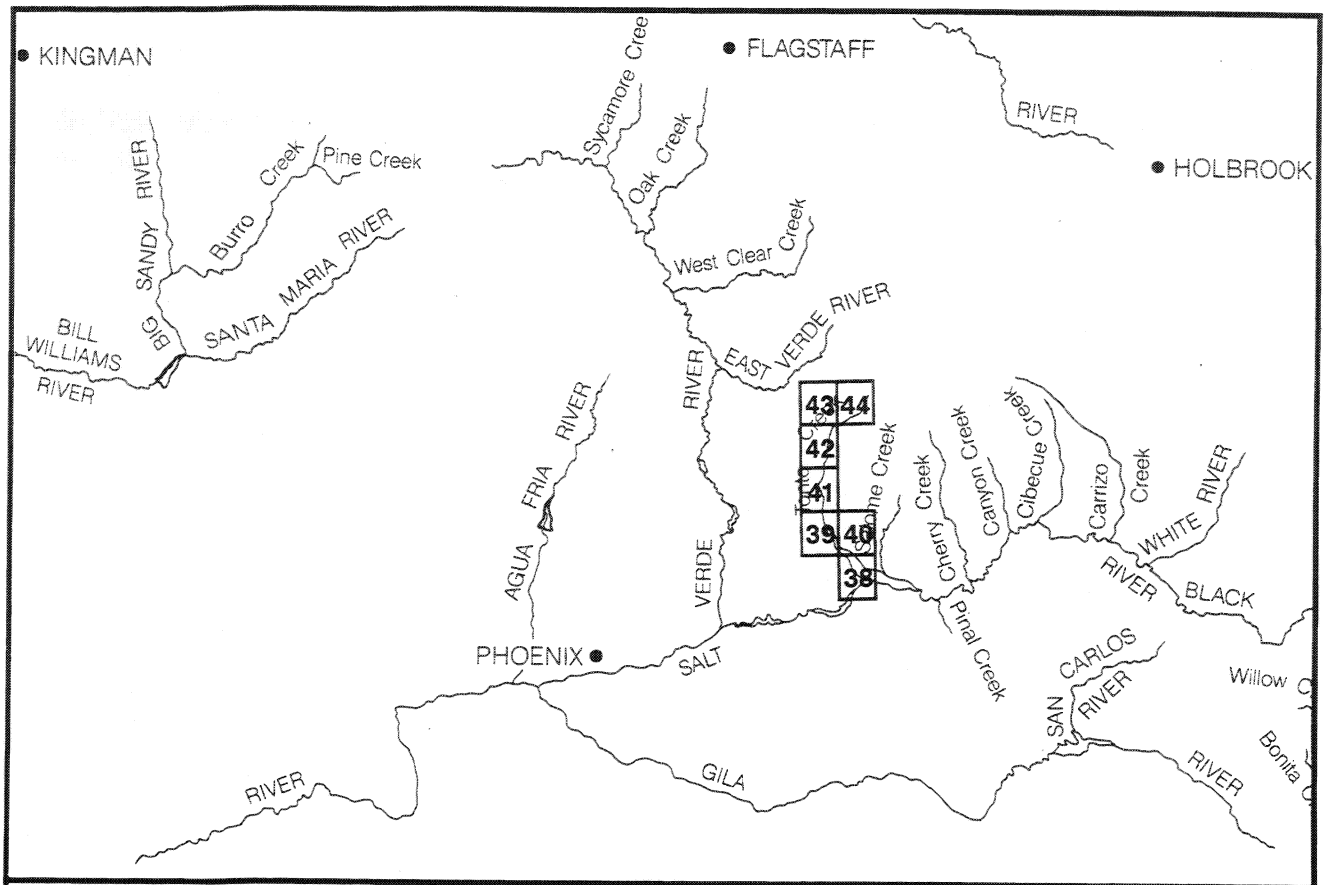
RIVER MAP ATLAS

Salt River
Plate; SR 23

Prepared by: BioSystems Analysis, Inc.

TONTO CREEK

KILOMETER 0.0-73.3



LEGEND

TC = TONTO CREEK

MILES

0 10 20 30

N

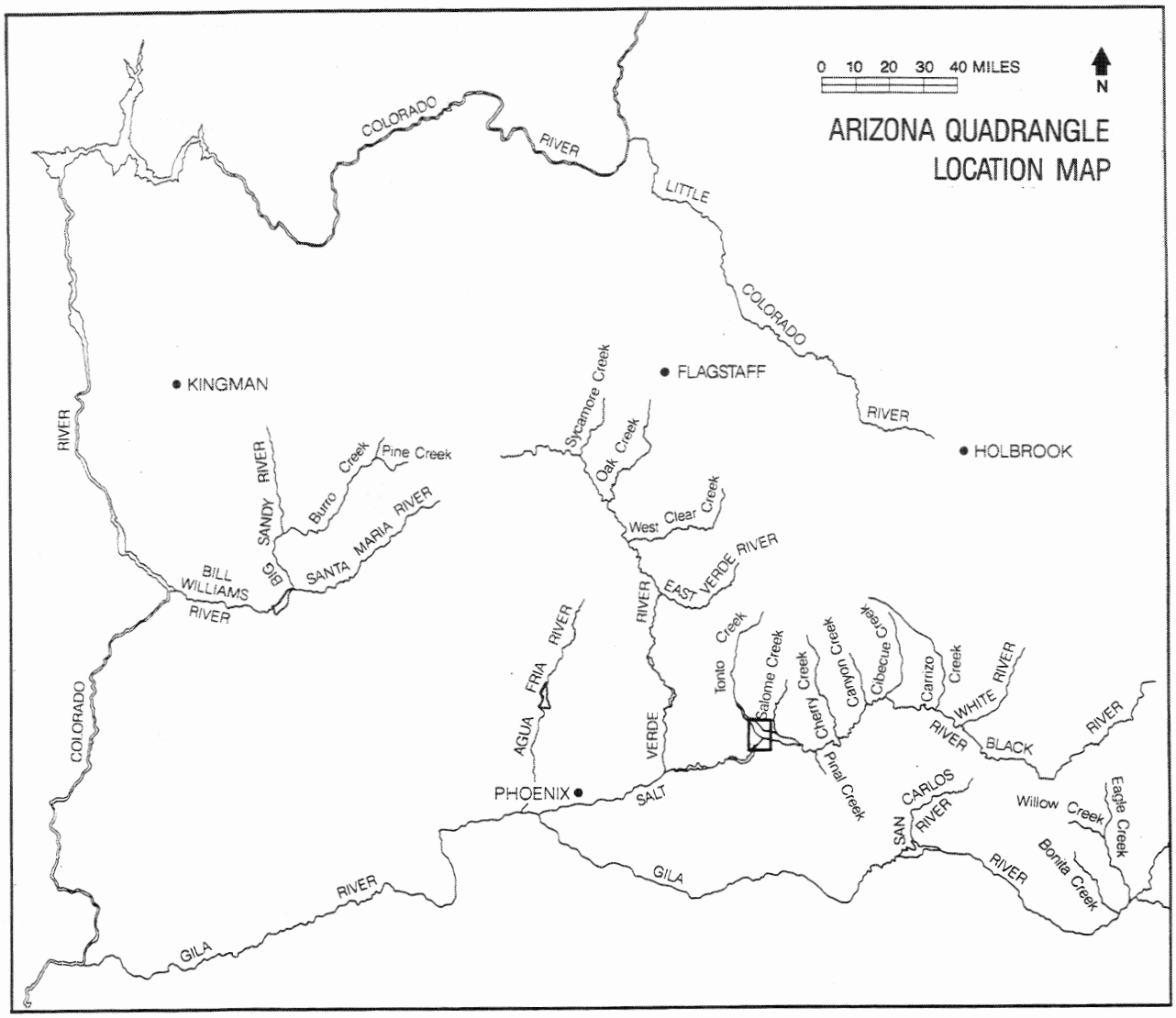
INDEX TO ARIZONA QUADRANGLES COVERING TONTO CREEK

38:	Theodore Roosevelt Dam Quadrangle;	7½′;	PLATE TC 1, TC 2
40:	Greenback Creek Quadrangle ;	7½′;	PLATE TC 2
39:	Tonto Basin Quadrangle ;	7½′;	PLATE TC 3, TC 4
41:	Kayler Butte Quadrangle ;	7½′;	PLATE TC 4, TC 5, TC 6
42:	Gisela Quadrangle ;	7½′;	PLATE TC 6, TC 7, TC 8
43:	Payson South Quadrangle ;	7½′;	PLATE TC 8
44:	Mc Donald Mtn. Quadrangle ;	7½′;	PLATE TC 9

ARIZONA BALD EAGLE PROJECT

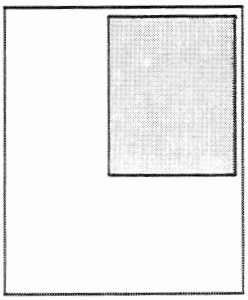
RIVER MAP ATLAS

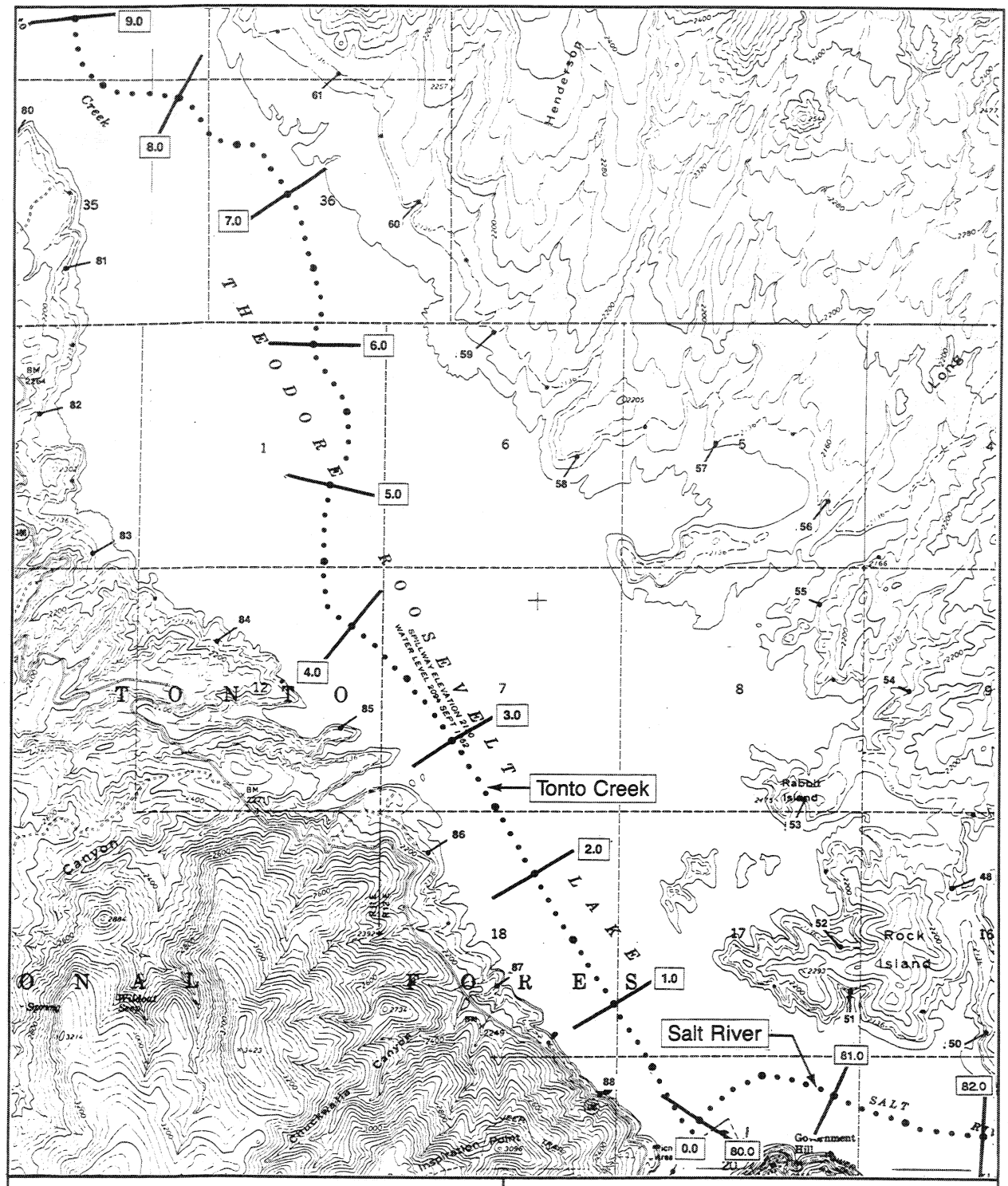
Prepared by: BioSystems Analysis, Inc.



PLATE; TC 1

THEODORE ROOSEVELT DAM QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

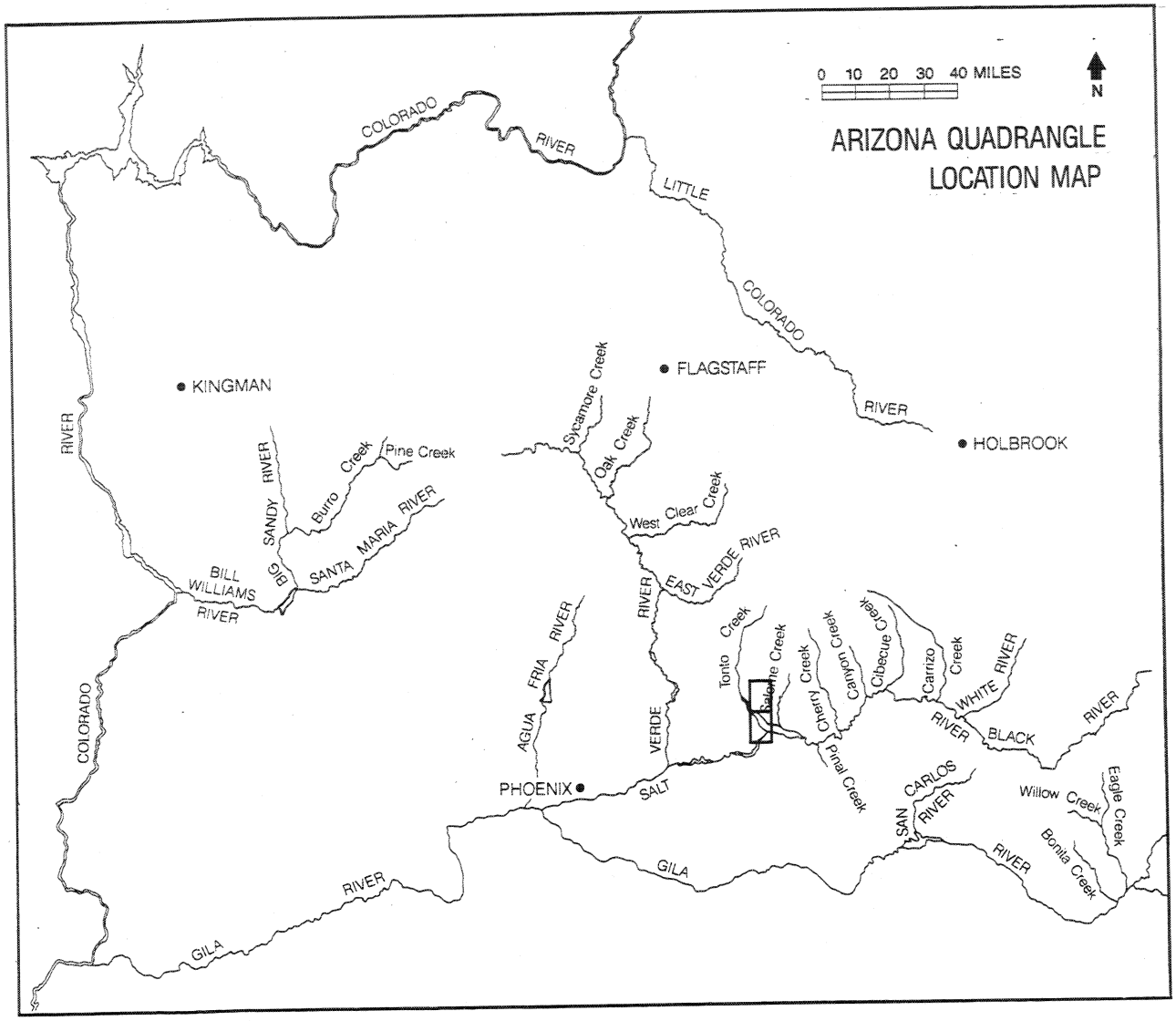
N

ARIZONA
BALD EAGLE PROJECT

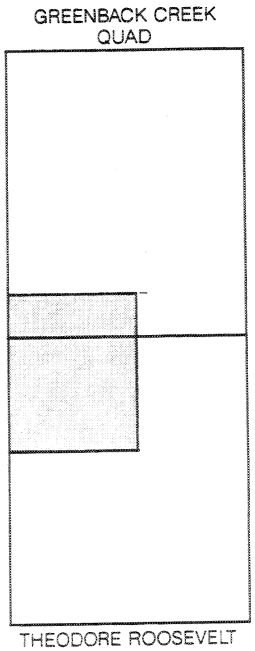
RIVER MAP ATLAS

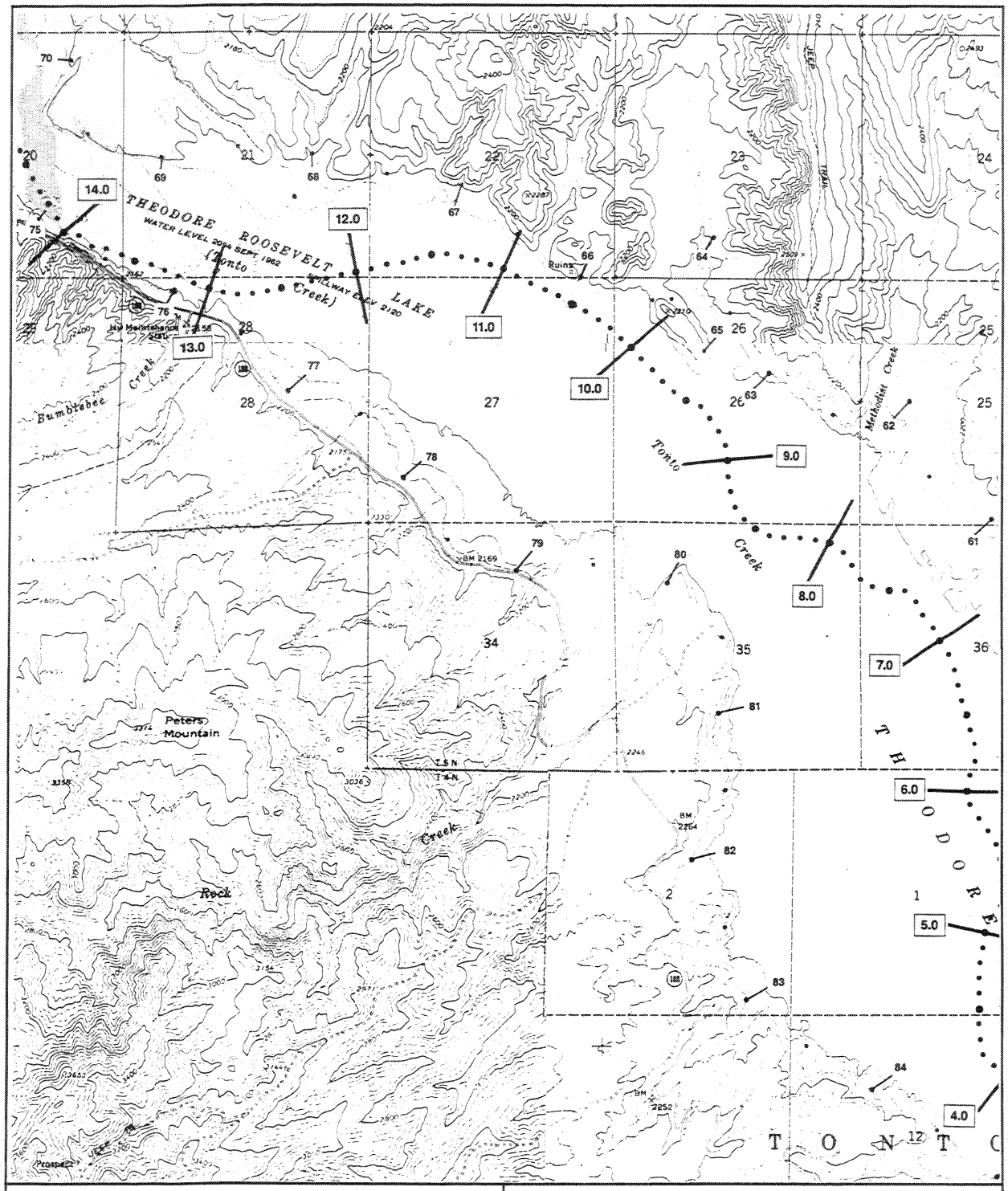
Tonto Creek
Plate; TC 1

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
RIVER
SANDY RIVER
Burro Creek
Pine Creek
BIG SANTA MARIA RIVER
BILL WILLIAMS RIVER
COLORADO
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
VERDE RIVER
AGUA FRIA RIVER
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
SALT RIVER
GILA RIVER
GILA

PLATE; TC 2


GREENBACK CREEK
QUAD
THEODORE ROOSEVELT
DAM QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

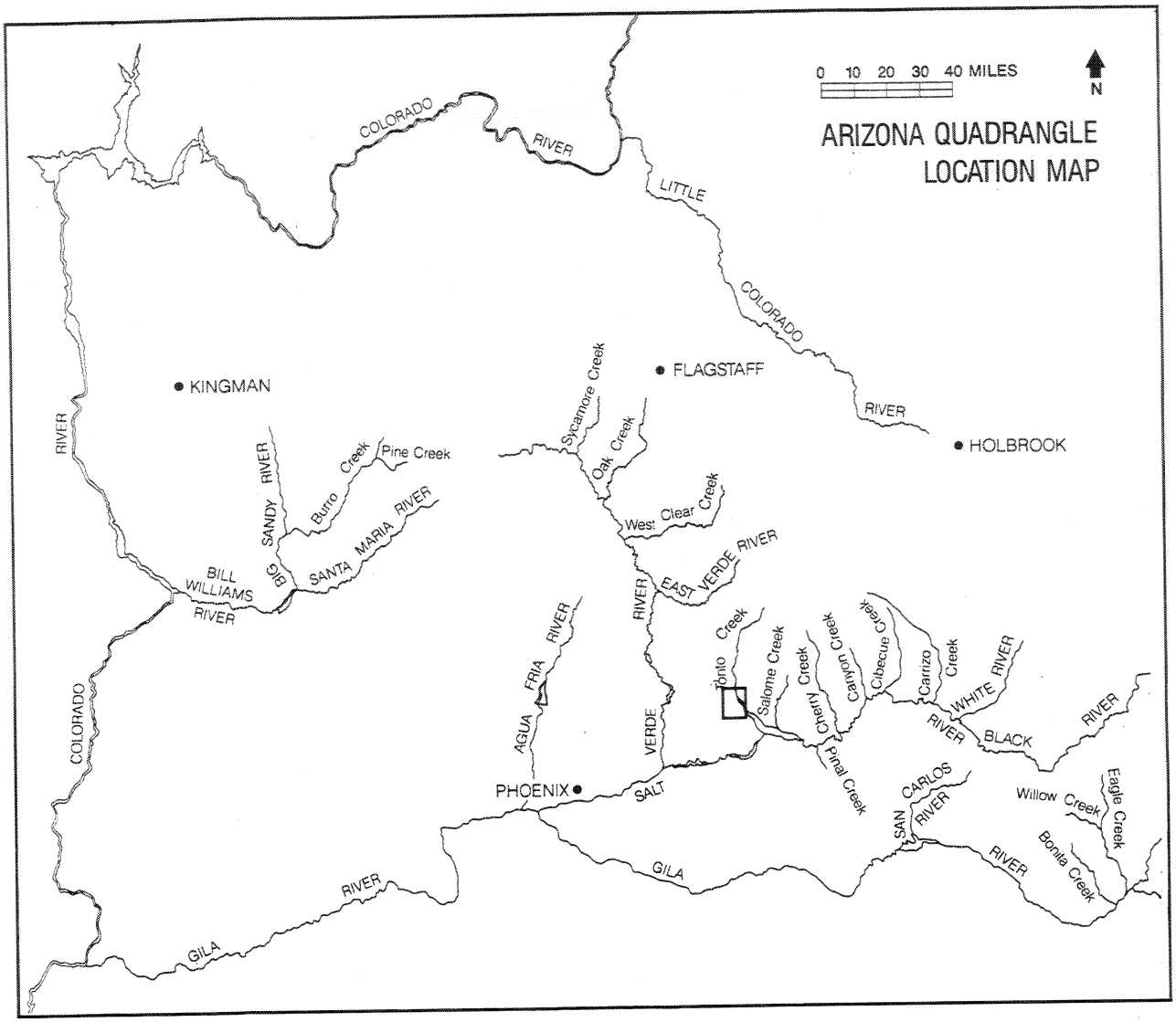
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

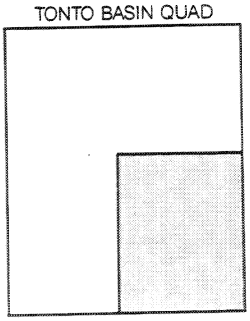
Tonto Creek
Plate; TC 2

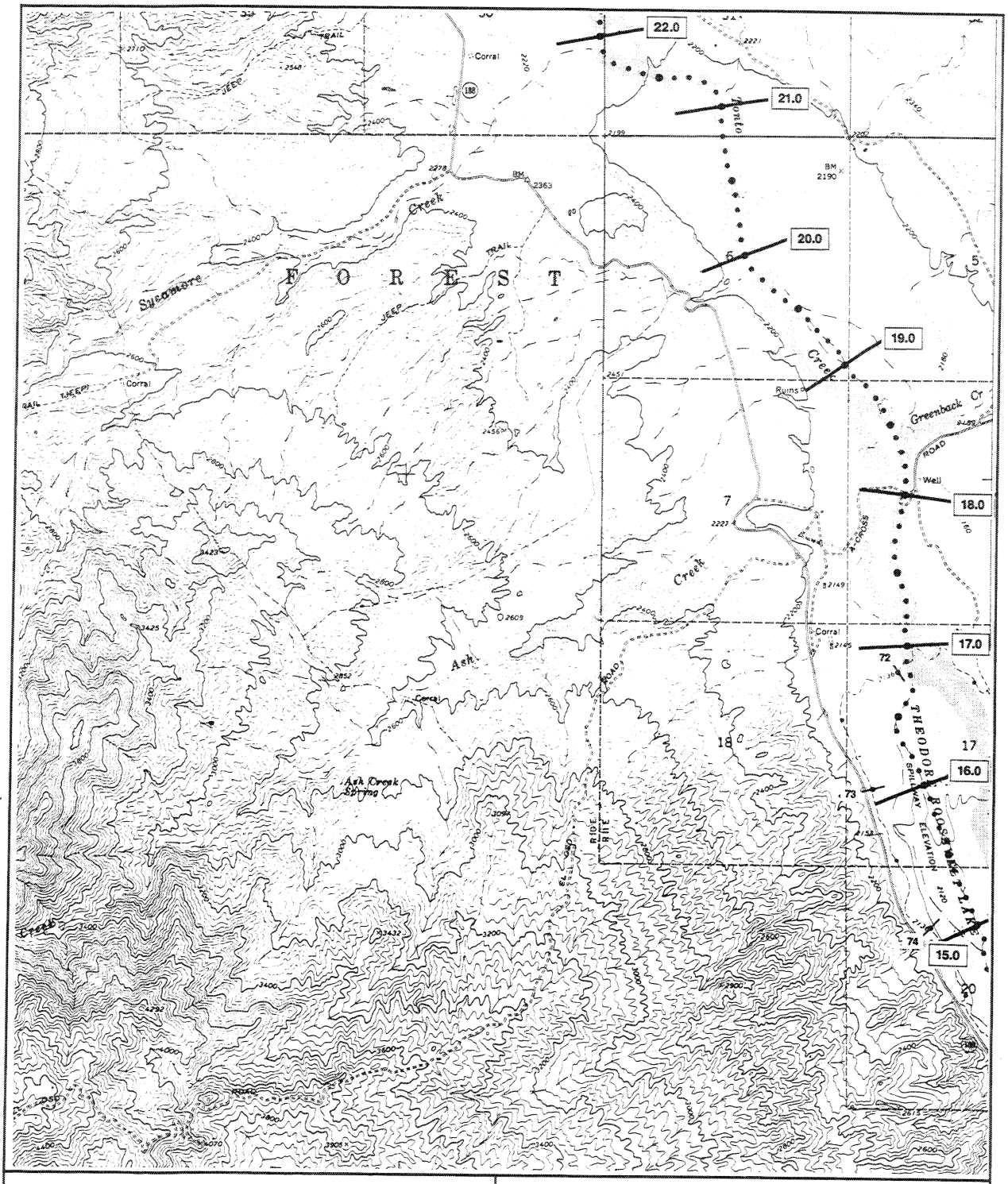
Prepared by: BioSystems Analysis, Inc.



PLATE; TC 3

TONTO BASIN QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

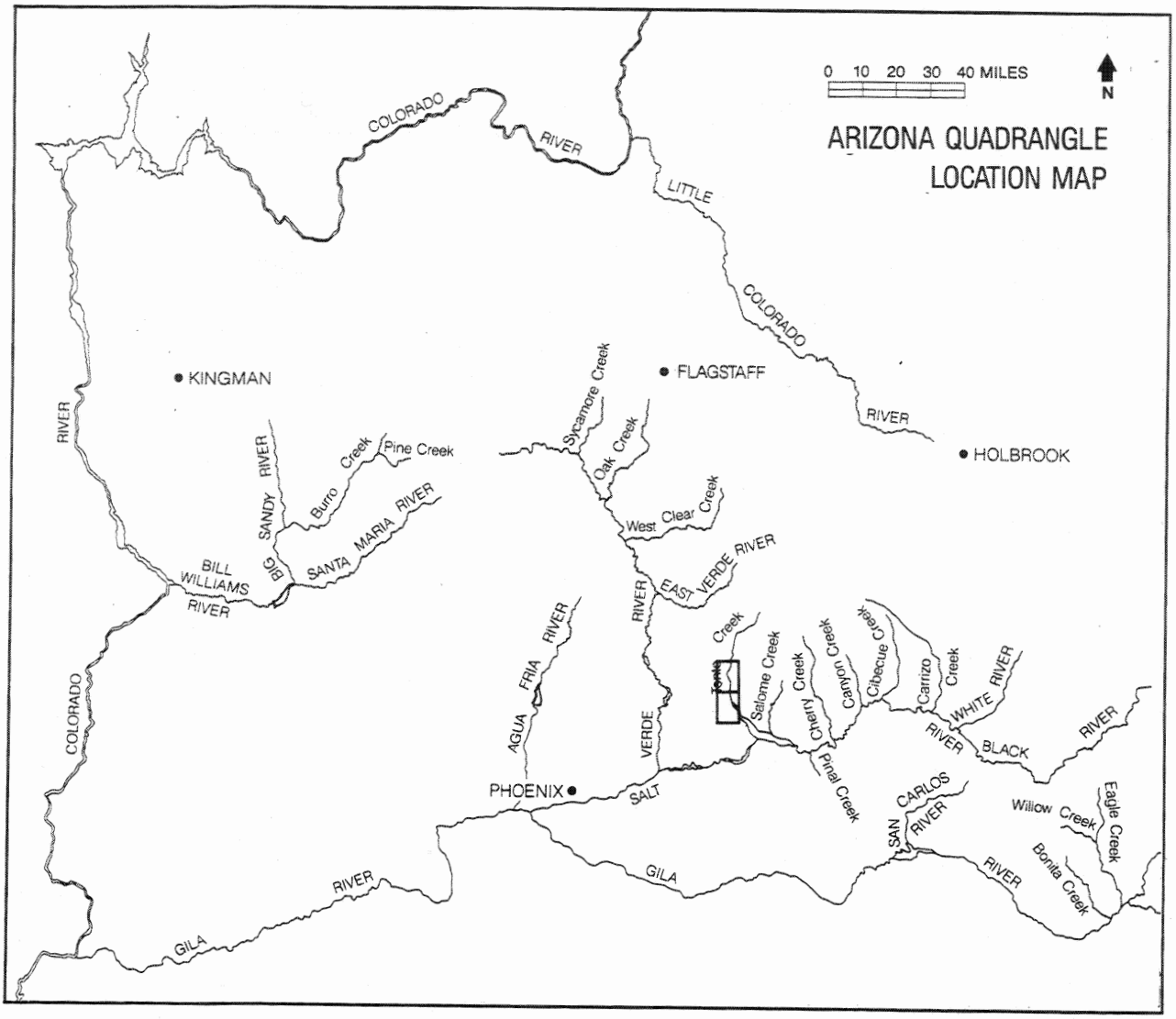
N

ARIZONA
BALD EAGLE PROJECT

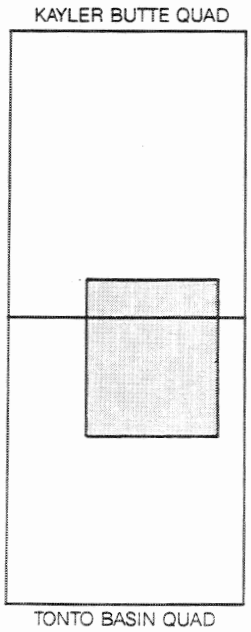
RIVER MAP ATLAS

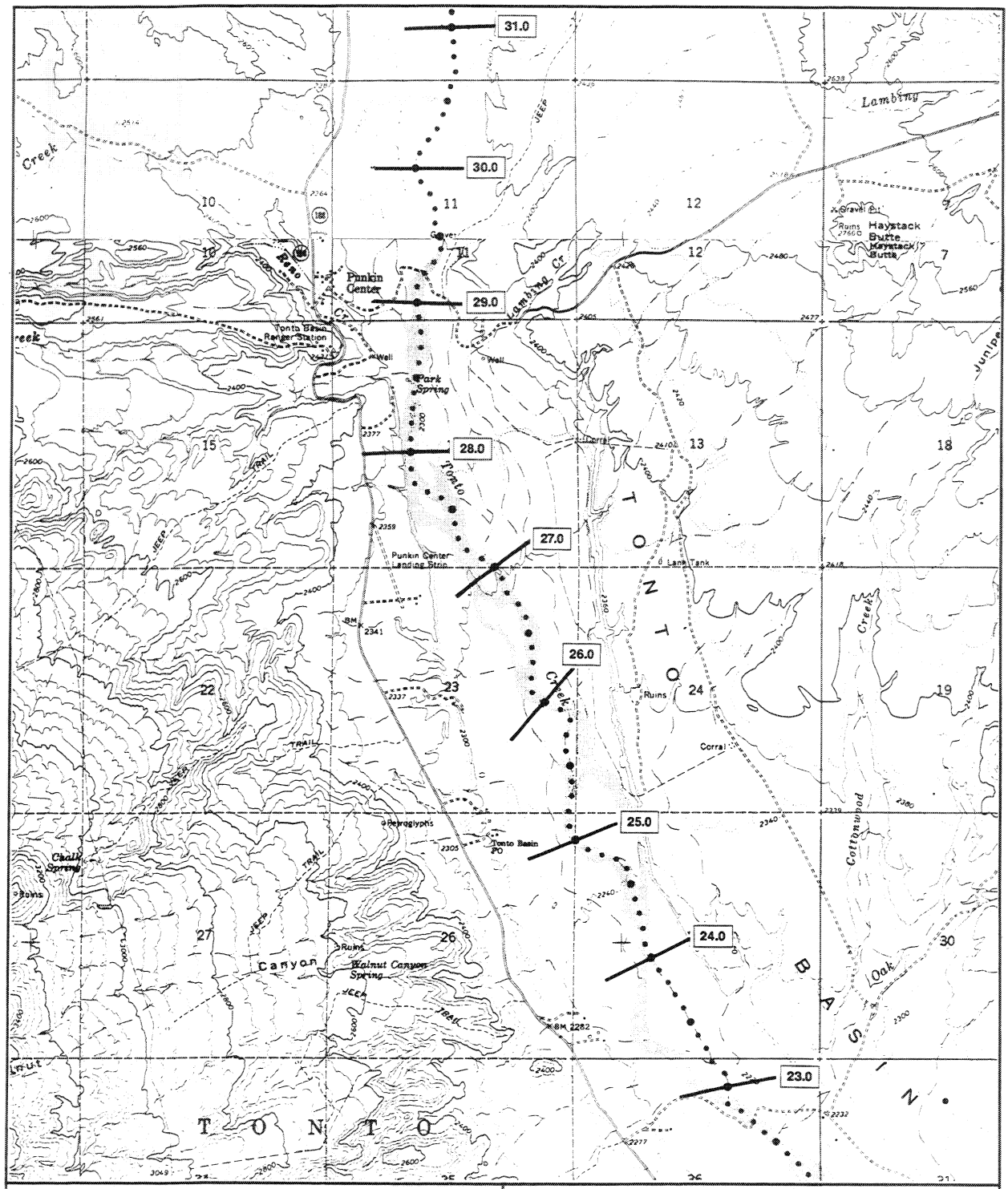
Tonto Creek
Plate; TC 3

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO
RIVER
LITTLE
COLORADO
RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
RIVER
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
RIVER
Pine Creek
Burro Creek
BIG SANDY RIVER
SANTA MARIA RIVER
BILL WILLIAMS RIVER
COLORADO
AGUA FRIA RIVER
VERDE
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Cr
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
PHOENIX
SALT
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
GILA
RIVER
GILA

PLATE; TC 4


KAYLER BUTTE QUAD
TONTO BASIN QUAD



0.1 KILOMETER
0.5 KILOMETER
1.0 KILOMETER

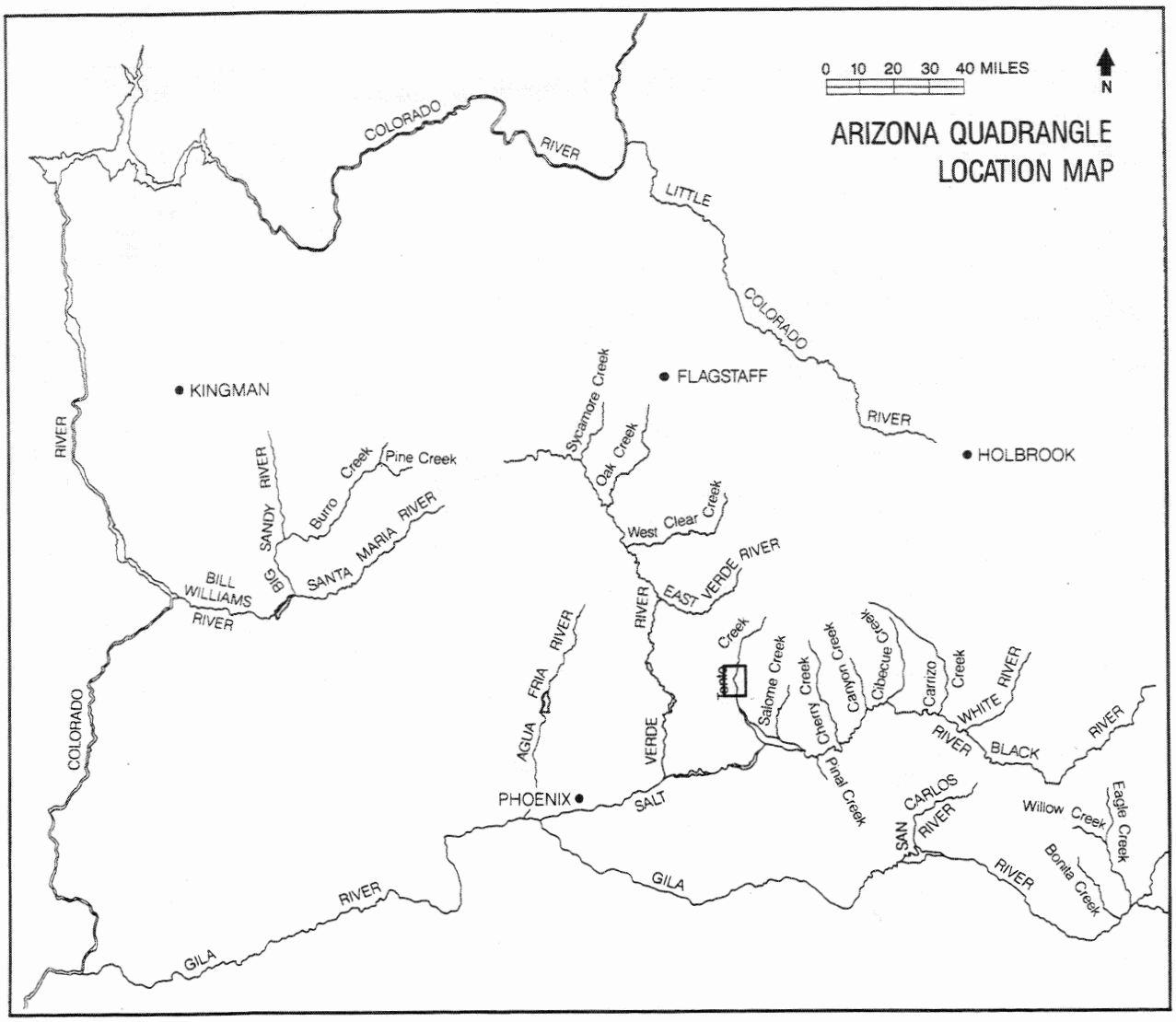
0 ½ 1 MILE
0 .5 1 KILOMETER

N

ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

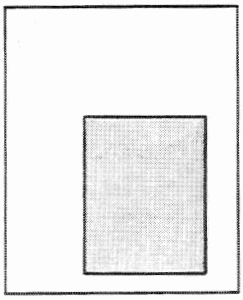
Tonto Creek
Plate; TC 4

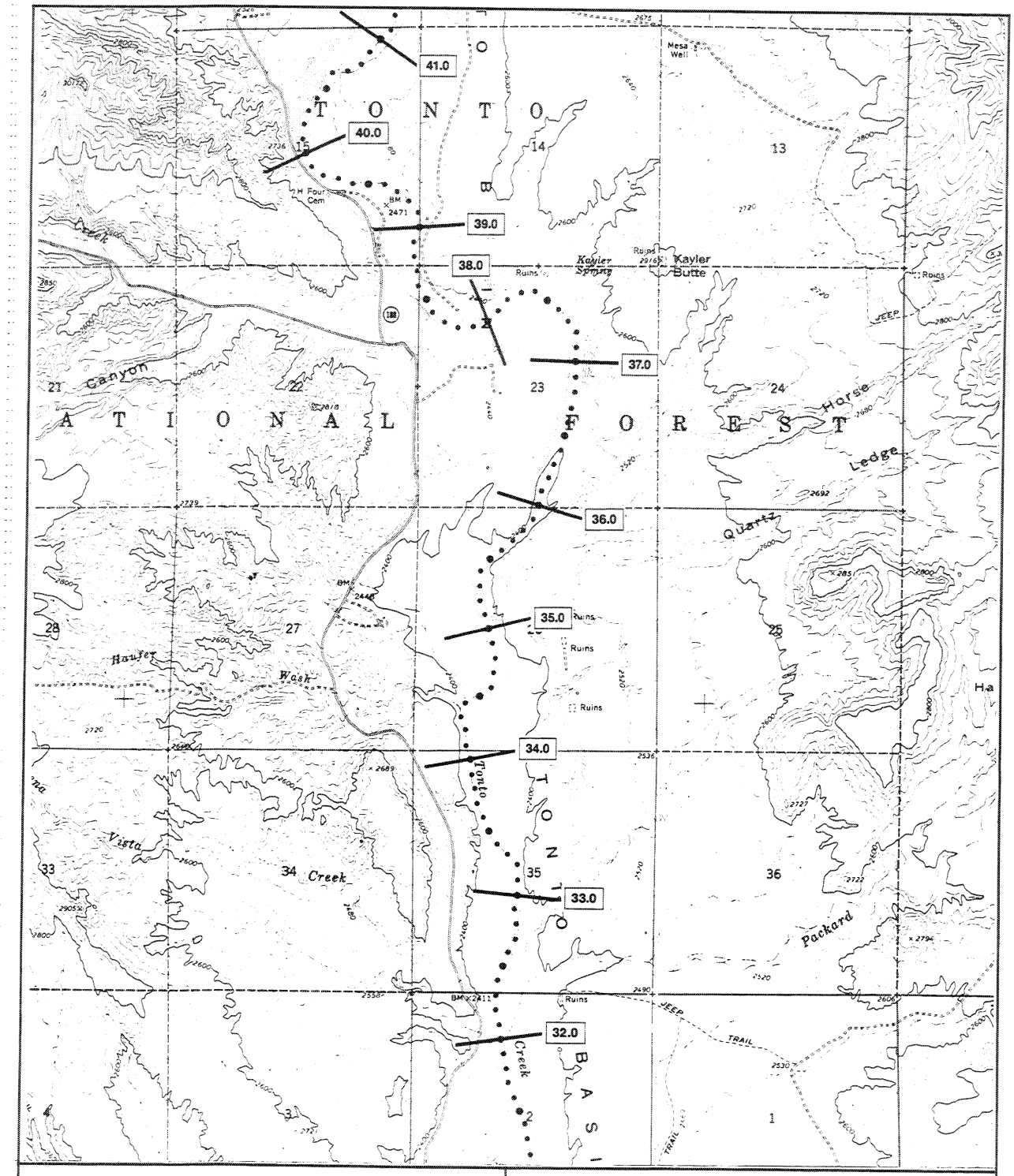
Prepared by: BioSystems Analysis, Inc.



PLATE; TC 5

KAYLER BUTTE QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

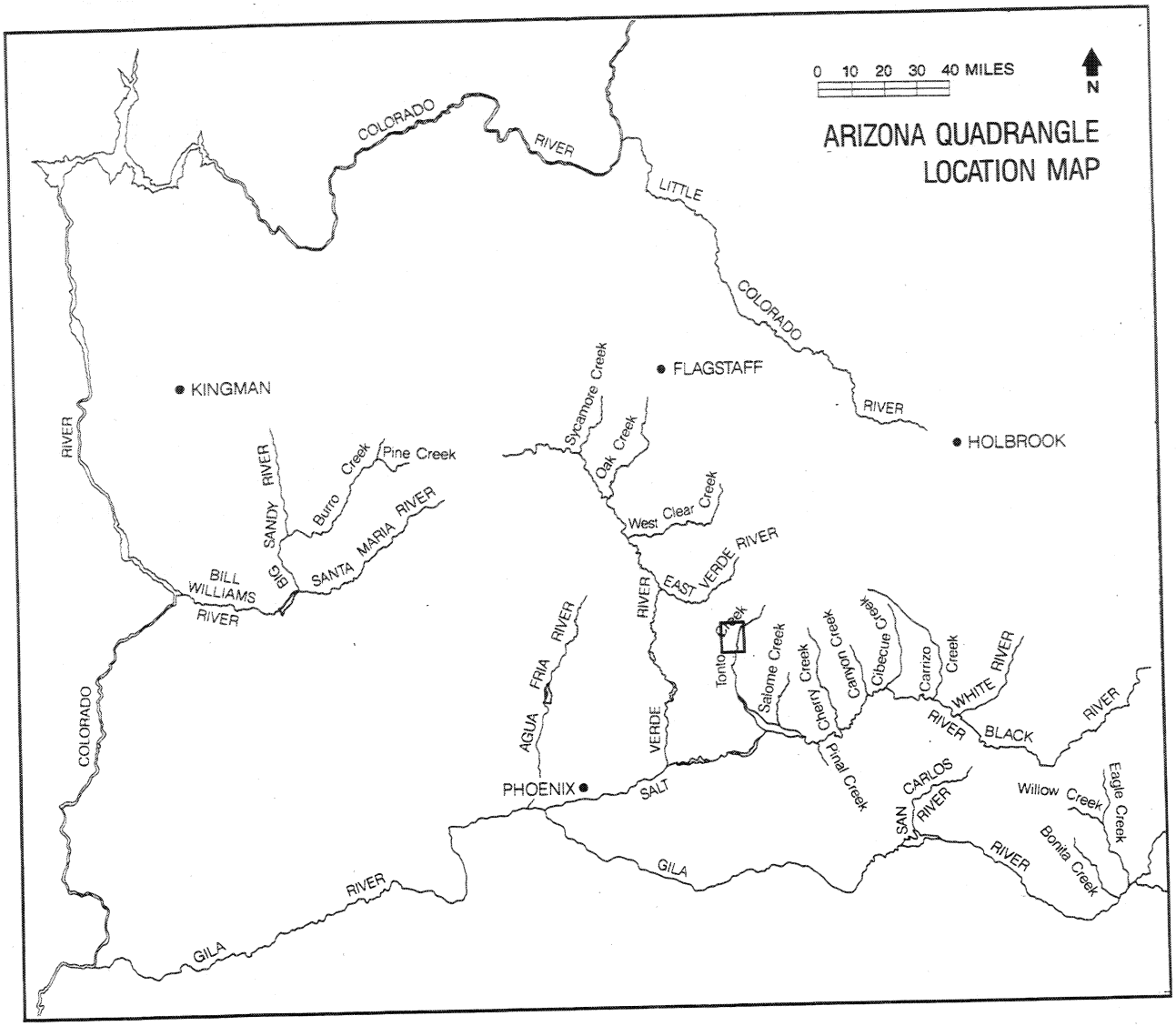
N

ARIZONA
BALD EAGLE PROJECT

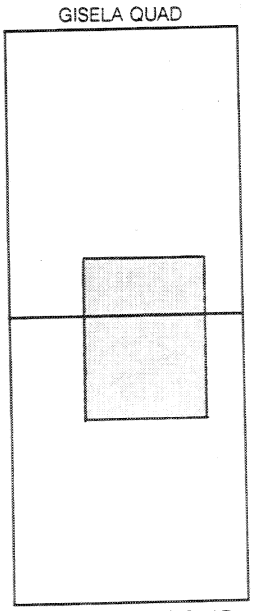
RIVER MAP ATLAS

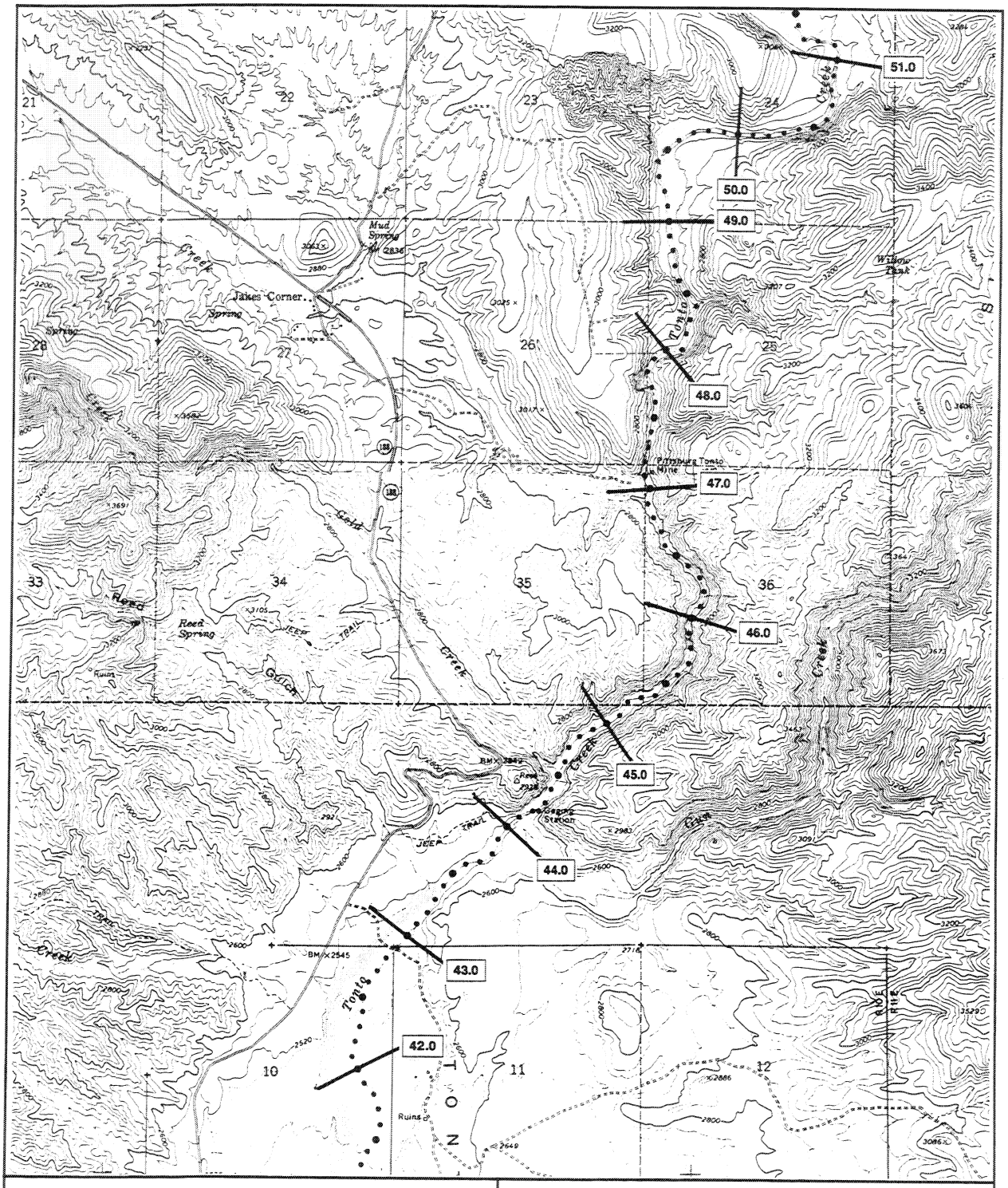
Tonto Creek
Plate; TC 5

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
VERDE RIVER
Tonto Creek
Salome Creek
Cherry Creek
Cannon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
SALT RIVER
GILA RIVER
AGUA FRIA RIVER
BIG SANDY RIVER
Burro Creek
Pine Creek
SANTA MARIA RIVER
BILL WILLIAMS RIVER
COLORADO RIVER
GILA RIVER

PLATE; TC 6


GISELA QUAD
KAYLER BUTTE QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

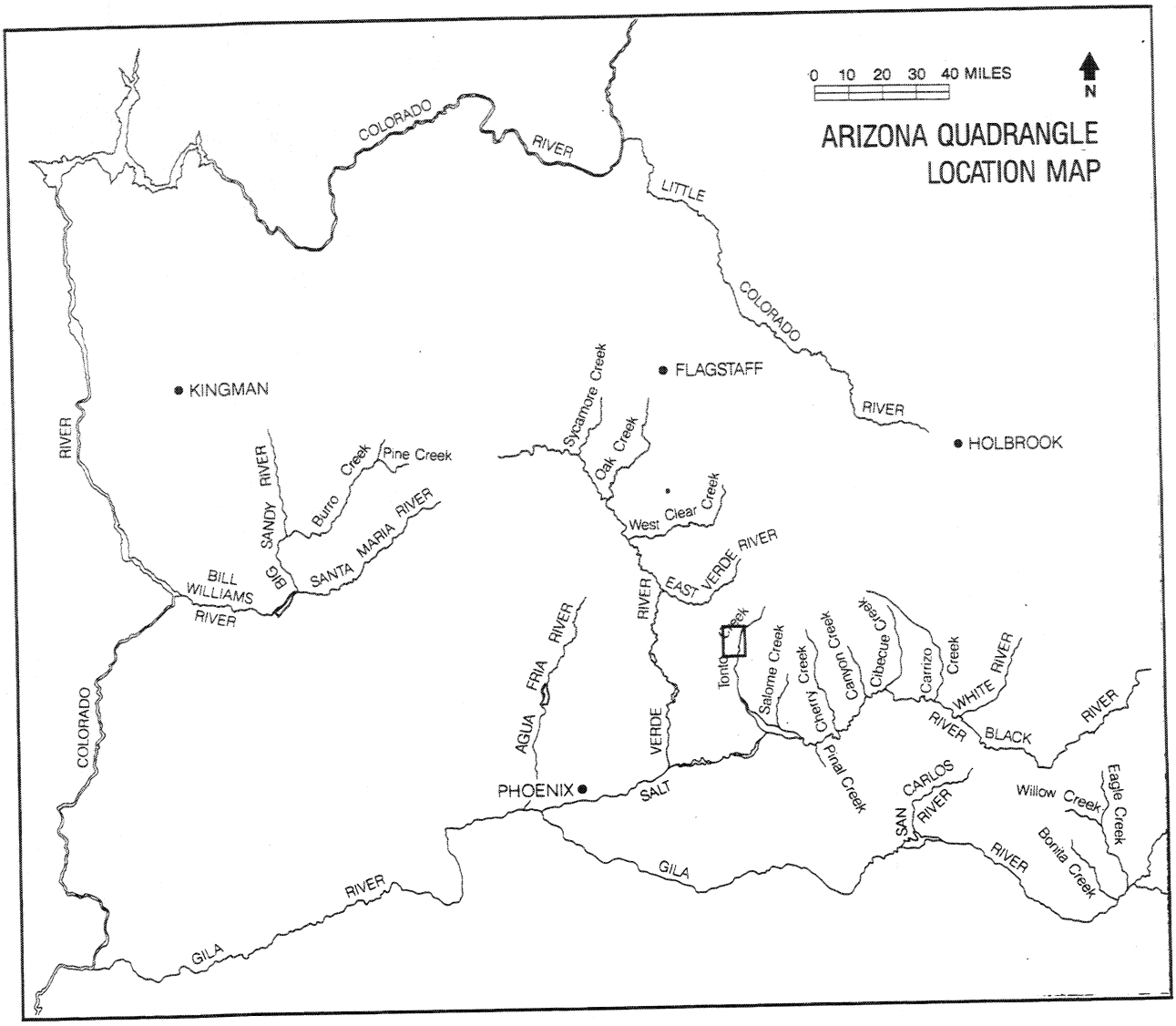
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

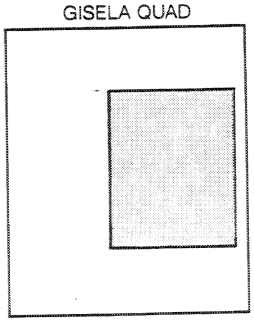
Tonto Creek
Plate; TC 6

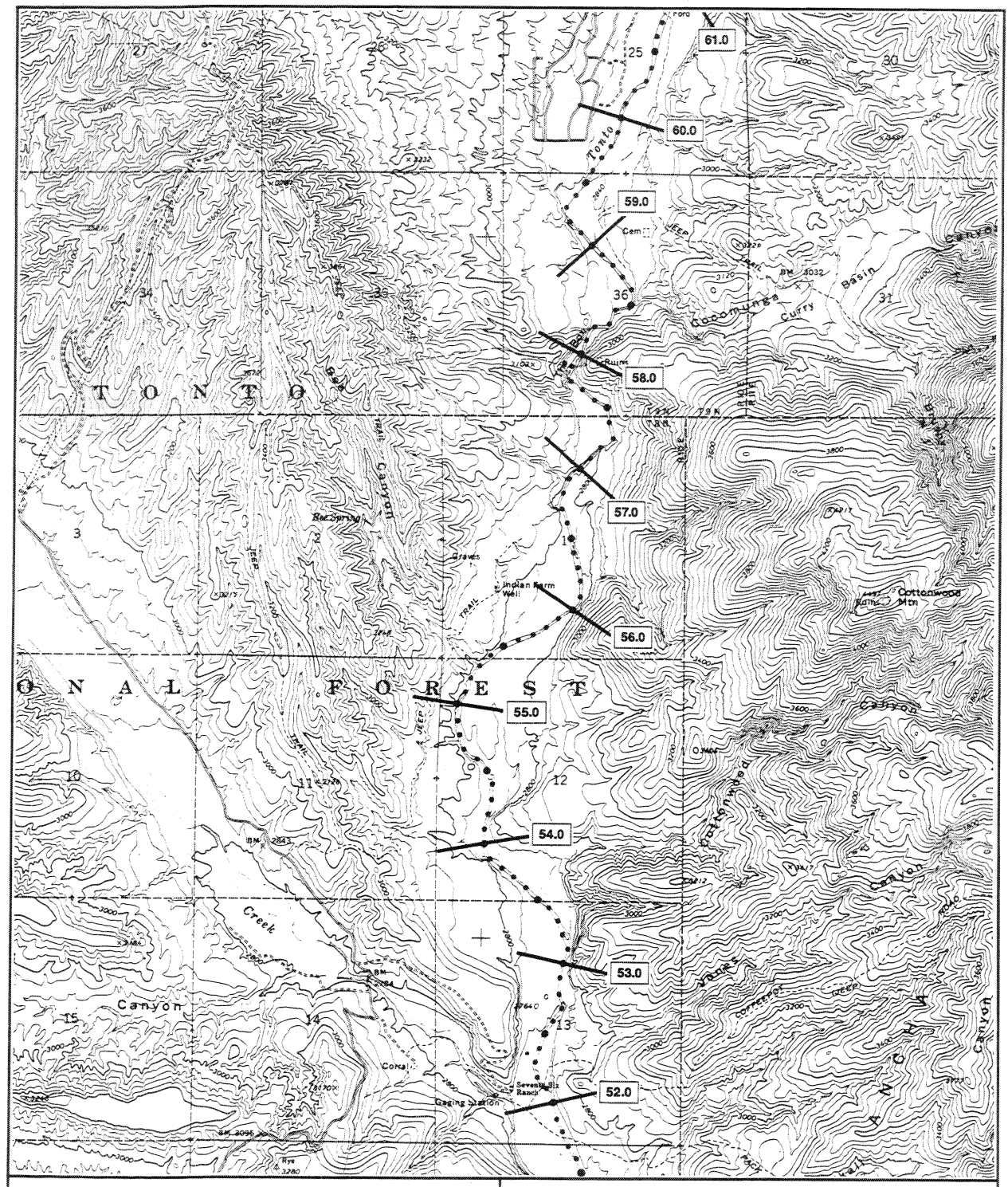
Prepared by: BioSystems Analysis, Inc.



PLATE; TC 7

GISELA QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

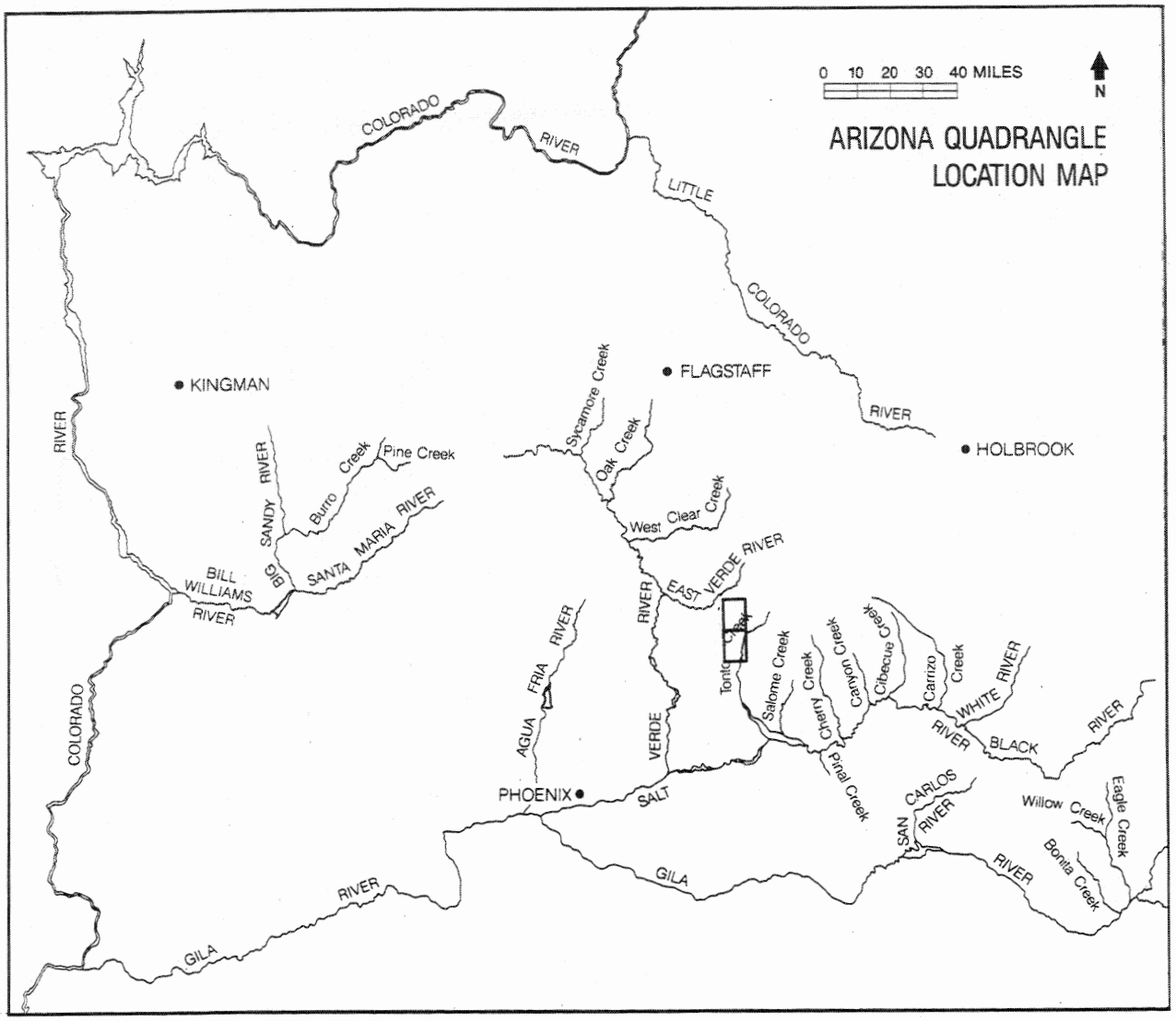
N

ARIZONA
BALD EAGLE PROJECT

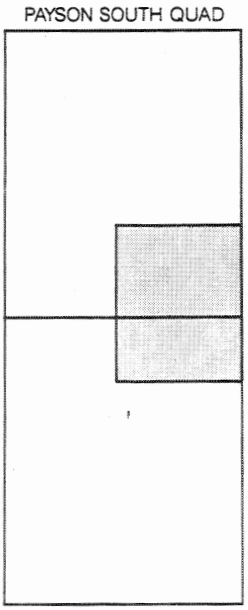
RIVER MAP ATLAS

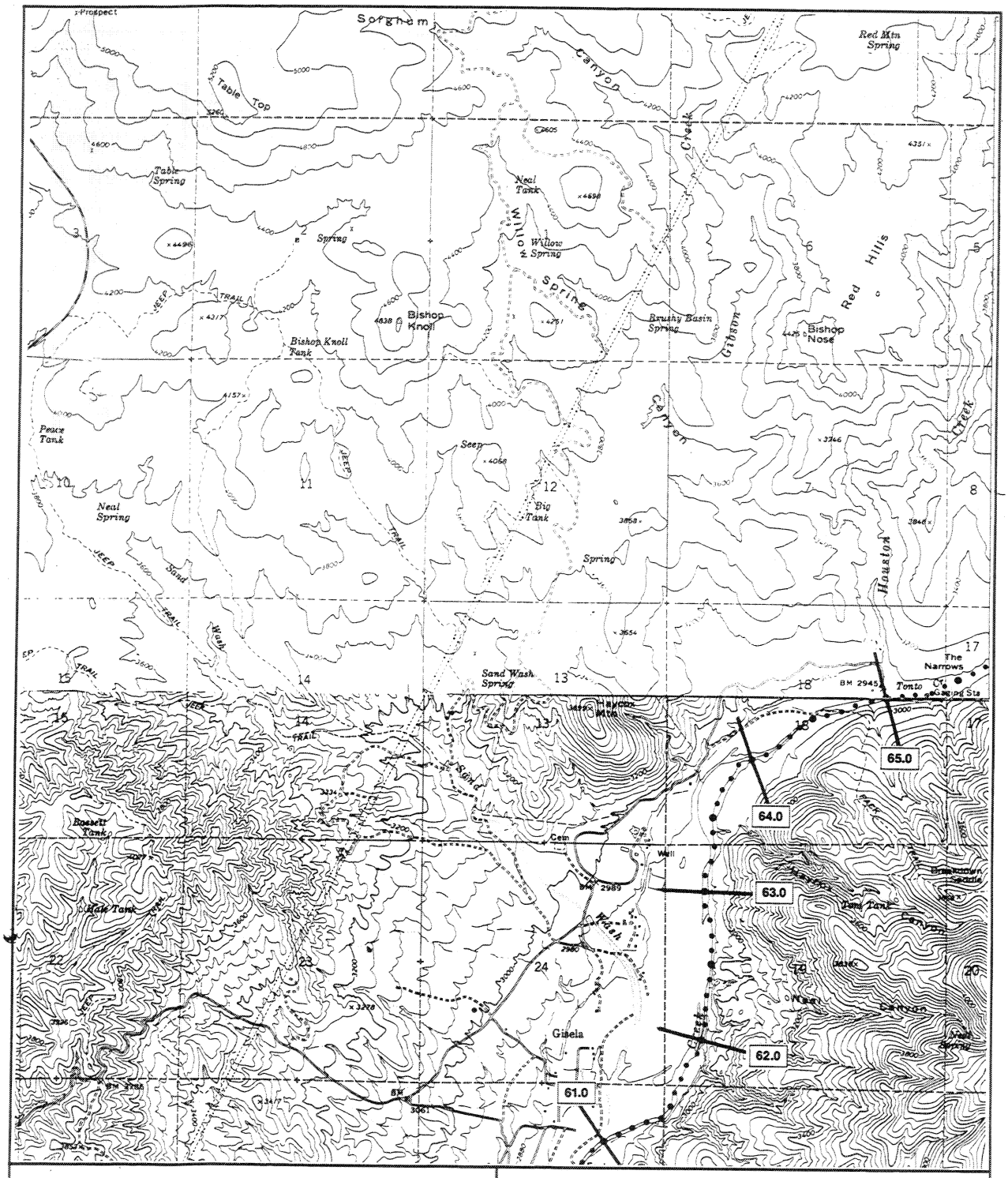
Tonto Creek
Plate; TC 7

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO
RIVER
LITTLE
COLORADO
RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
RIVER
Sycamore Creek
Oak Creek
West Clear Creek
Pine Creek
Burro Creek
SANDY RIVER
BIG
SANTA MARIA RIVER
BILL WILLIAMS RIVER
EAST VERDE RIVER
RIVER
AGUA FRIA RIVER
VERDE
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
PHOENIX
SALT
GILA
RIVER
COLORADO
GILA
RIVER

PLATE; TC 8


PAYSON SOUTH QUAD
GISELA QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

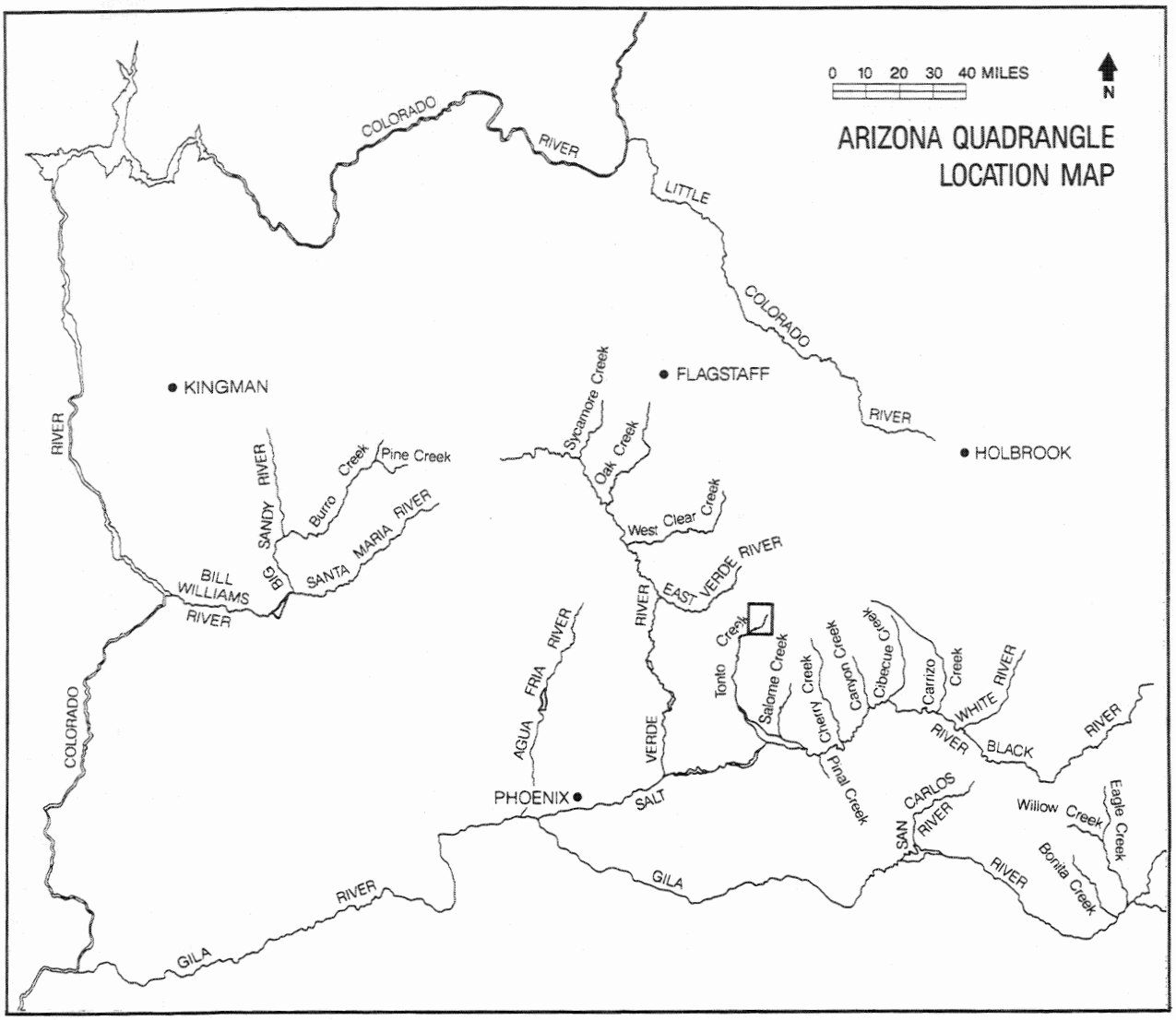
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

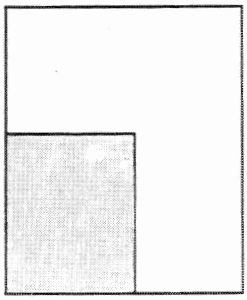
Tonto Creek
Plate; TC 8

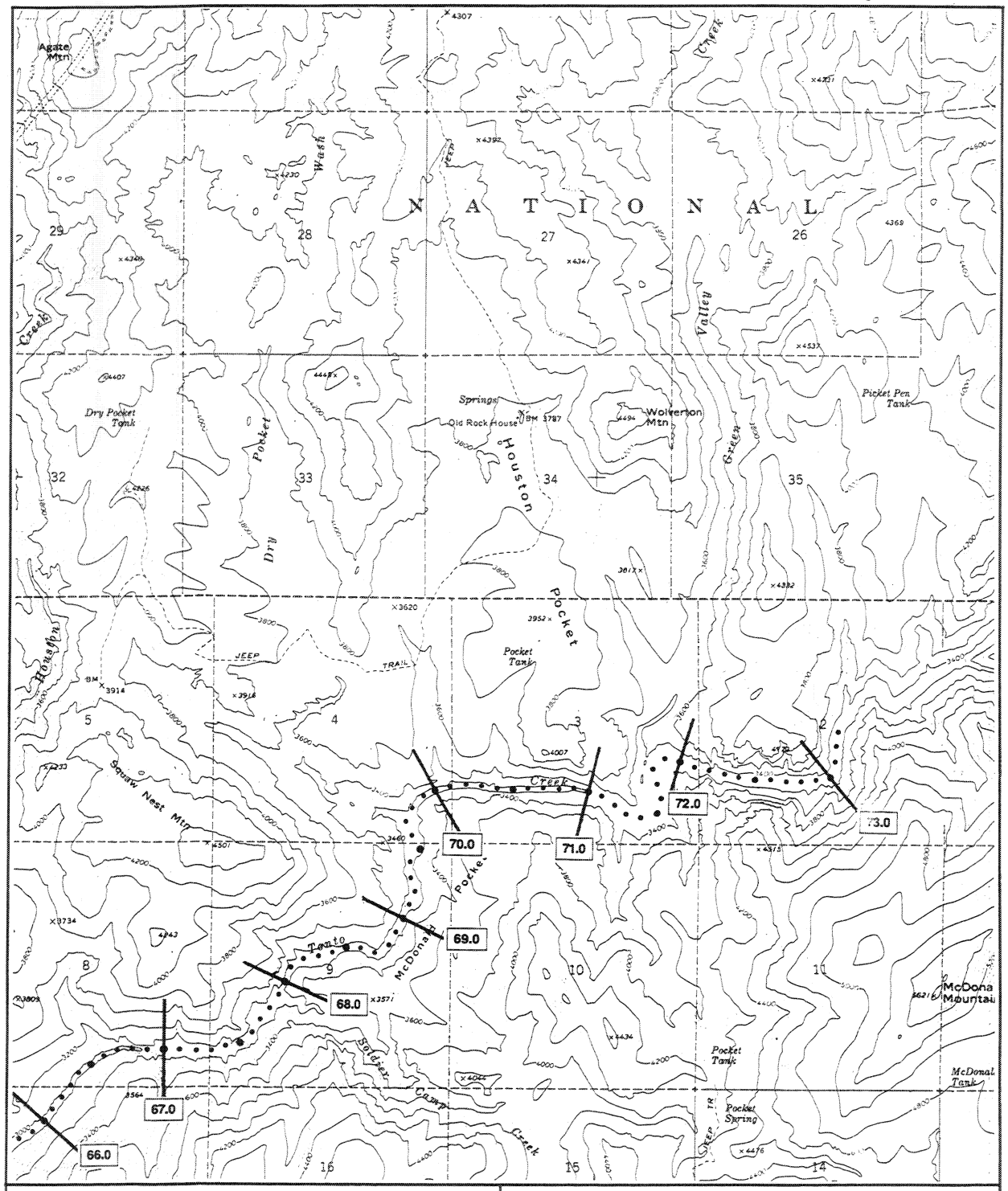
Prepared by: BioSystems Analysis, Inc.



PLATE; TC 9

MC DONALD MTN. QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

N

ARIZONA
BALD EAGLE PROJECT

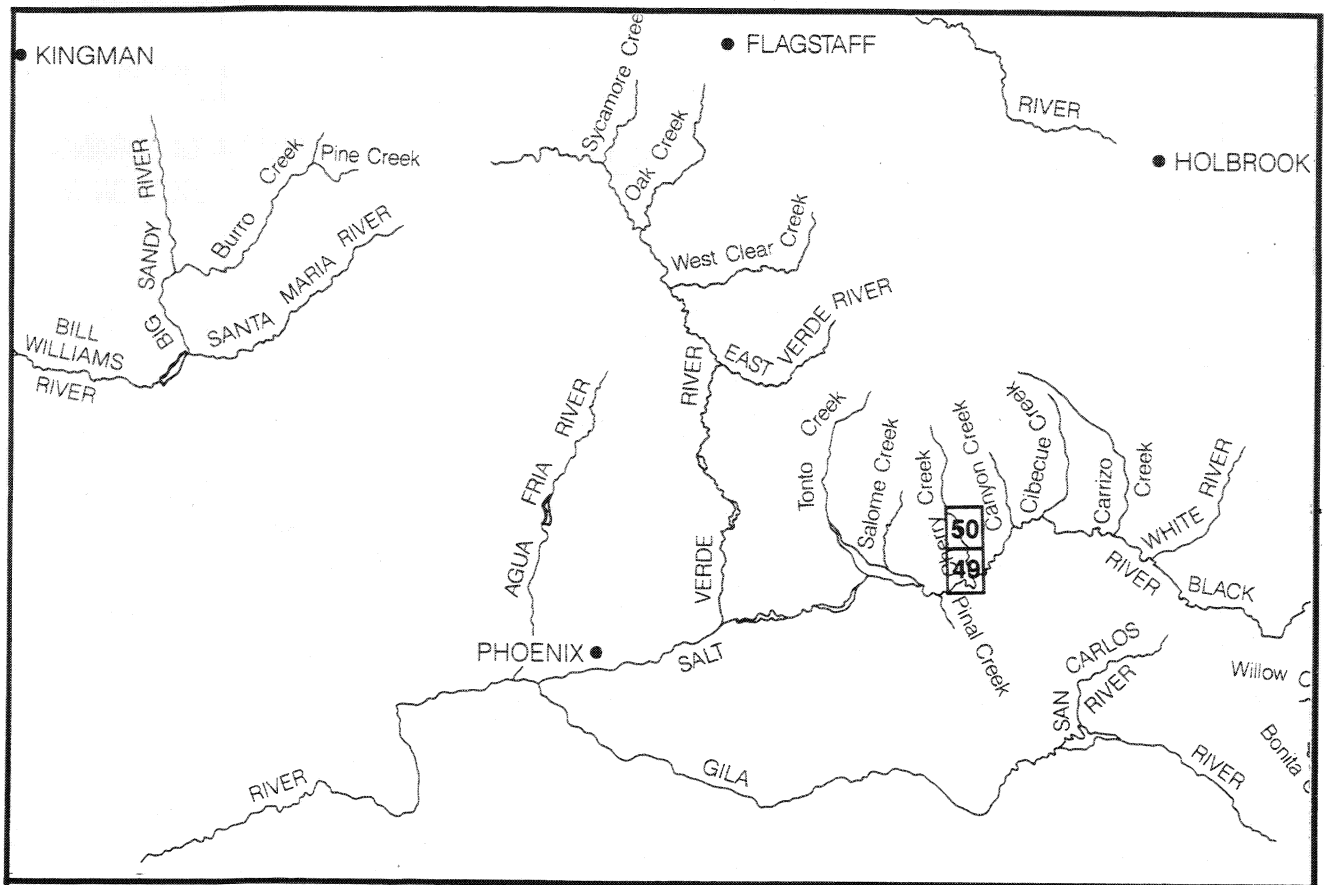
RIVER MAP ATLAS

Tonto Creek
Plate; TC 9

Prepared by: BioSystems Analysis, Inc.

CHERRY CREEK

KILOMETER 0.0-27.0



LEGEND

CHC = CHERRY CREEK

MILES

0 10 20 30

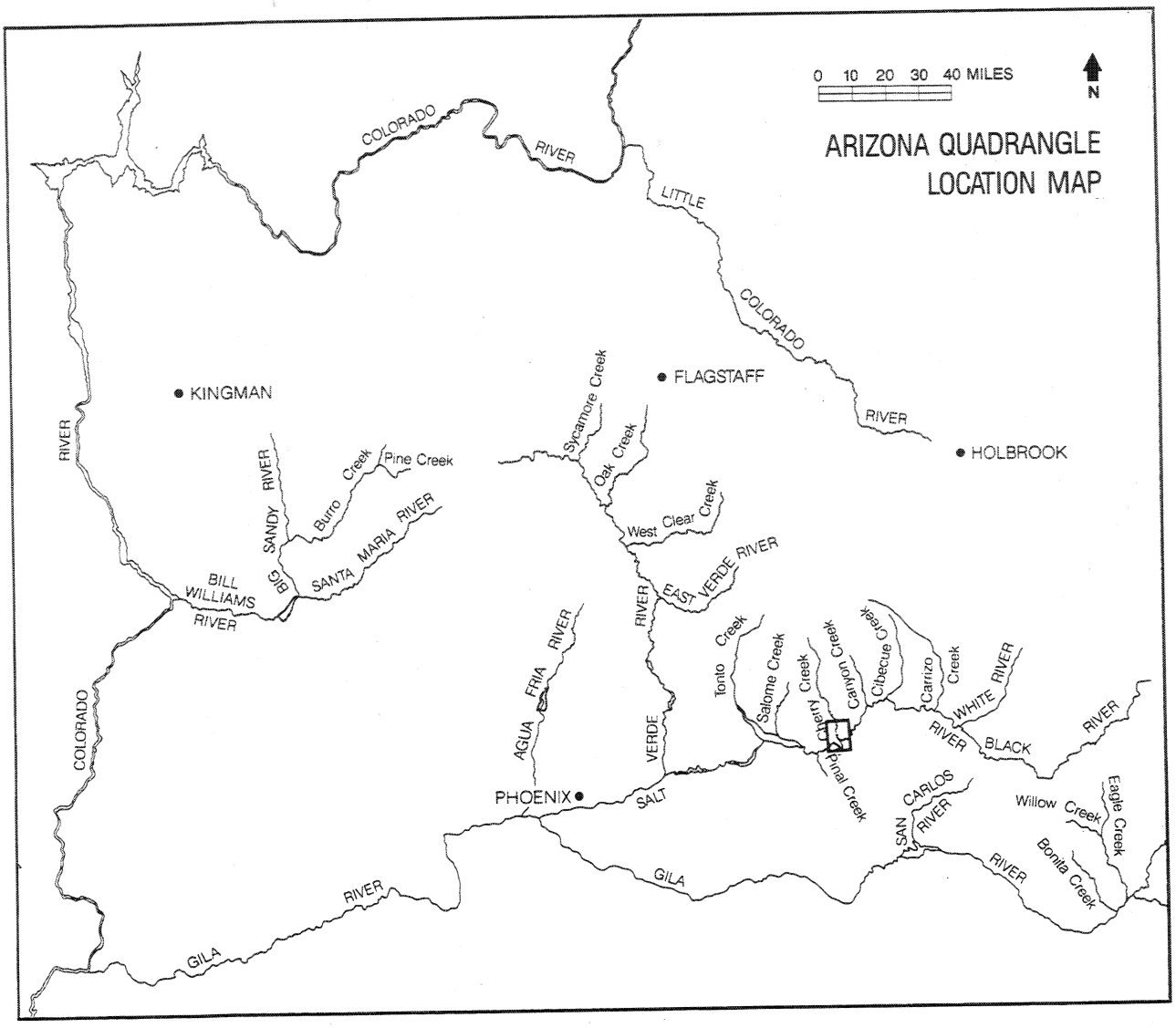
N

INDEX TO ARIZONA QUADRANGLES COVERING CHERRY CREEK

49:	Dagger Peak Quadrangle ;	7½′;	PLATE CHC 1, CHC 2
50:	Sombrero Peak Quadrangle;	7½′;	PLATE CHC 2, CHC 3

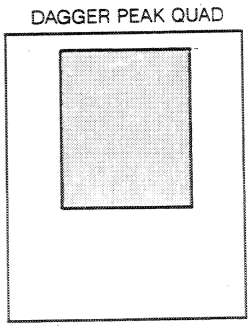
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

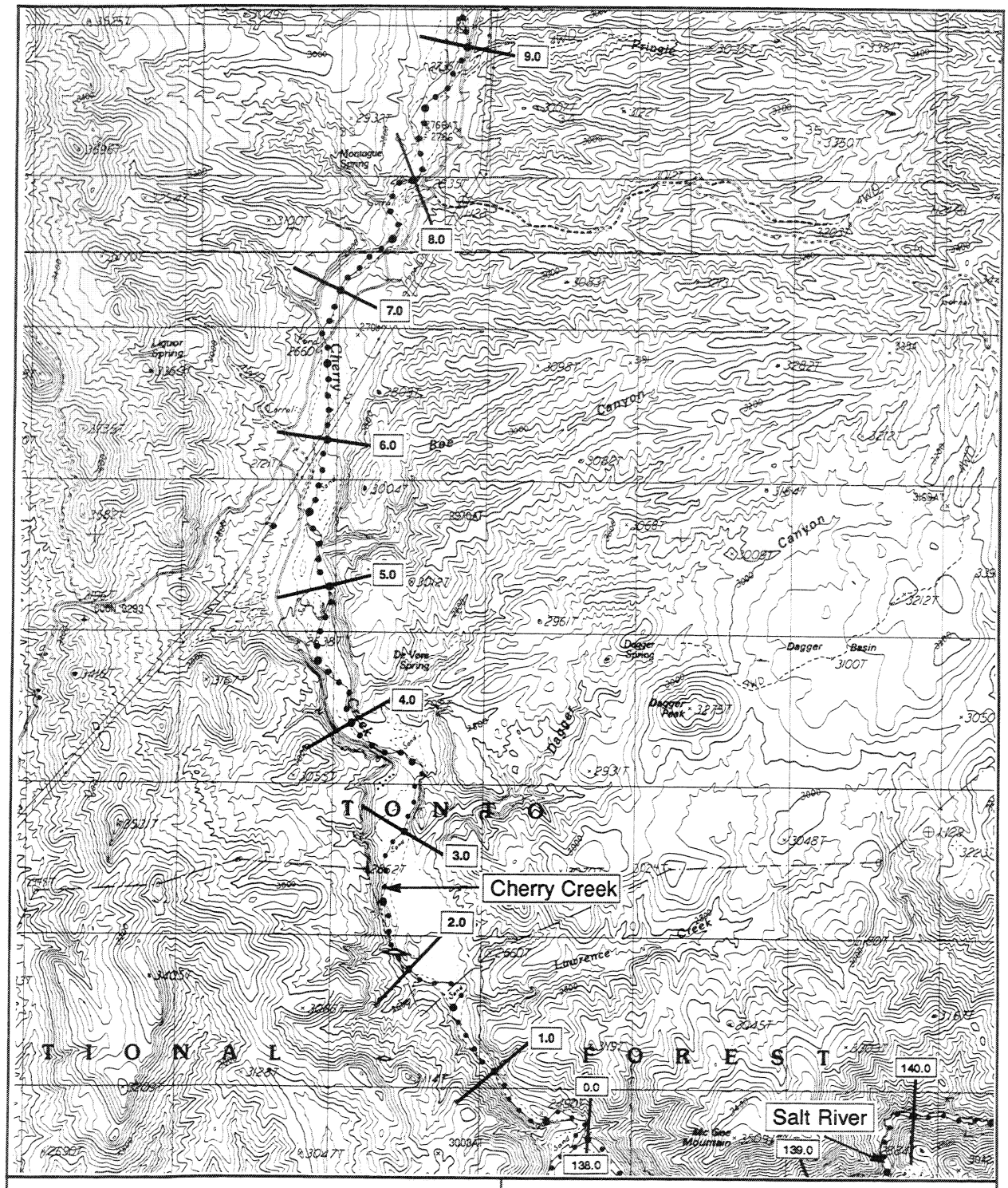
Prepared by: BioSystems Analysis, Inc.



PLATE; CHC 1

DAGGER PEAK QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

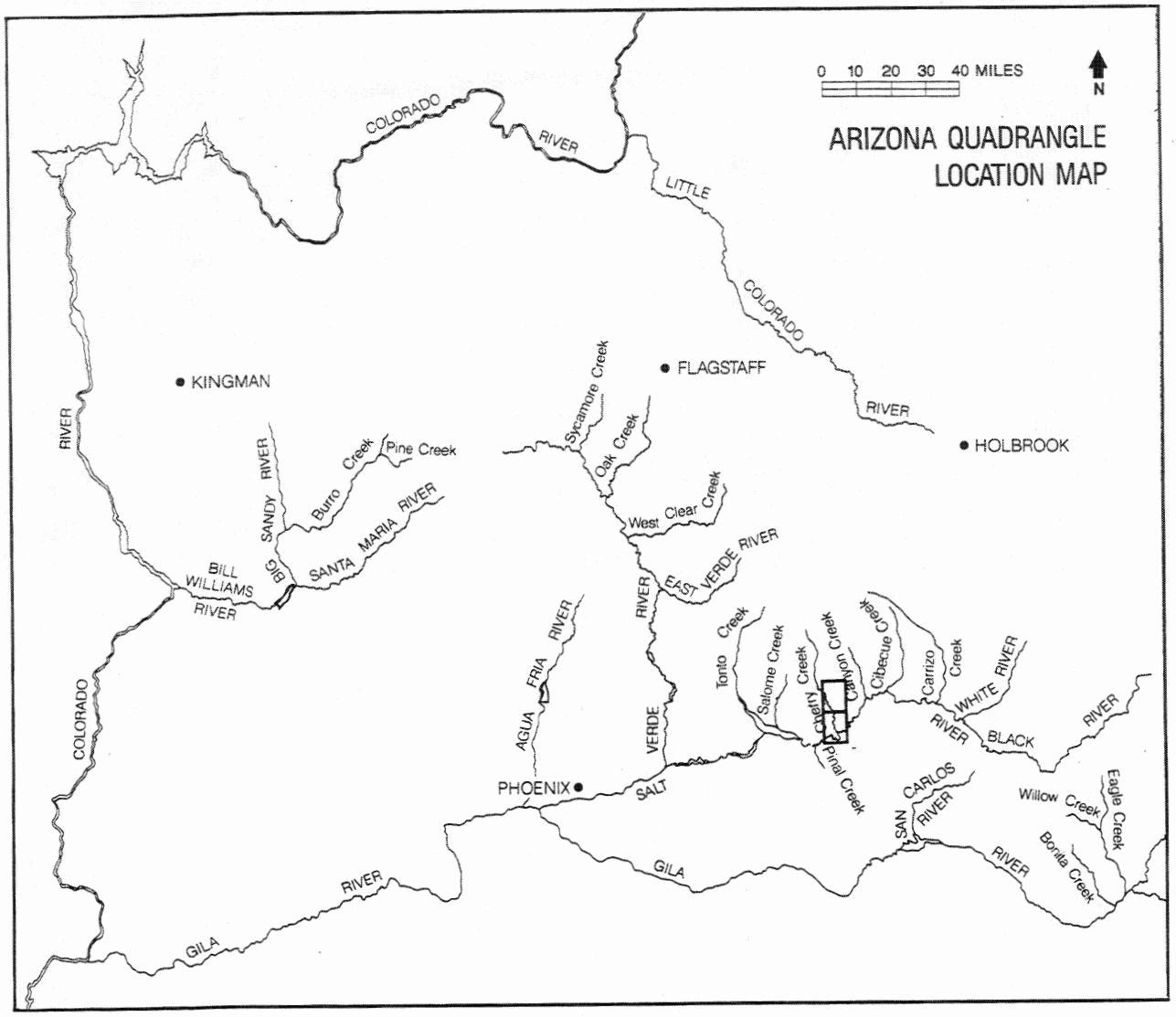
N

ARIZONA
BALD EAGLE PROJECT

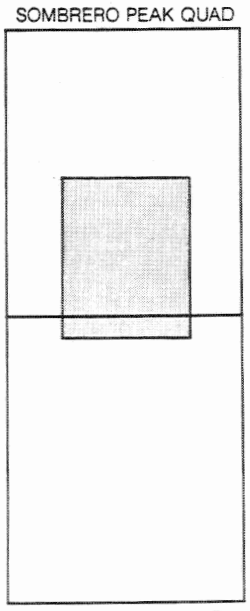
RIVER MAP ATLAS

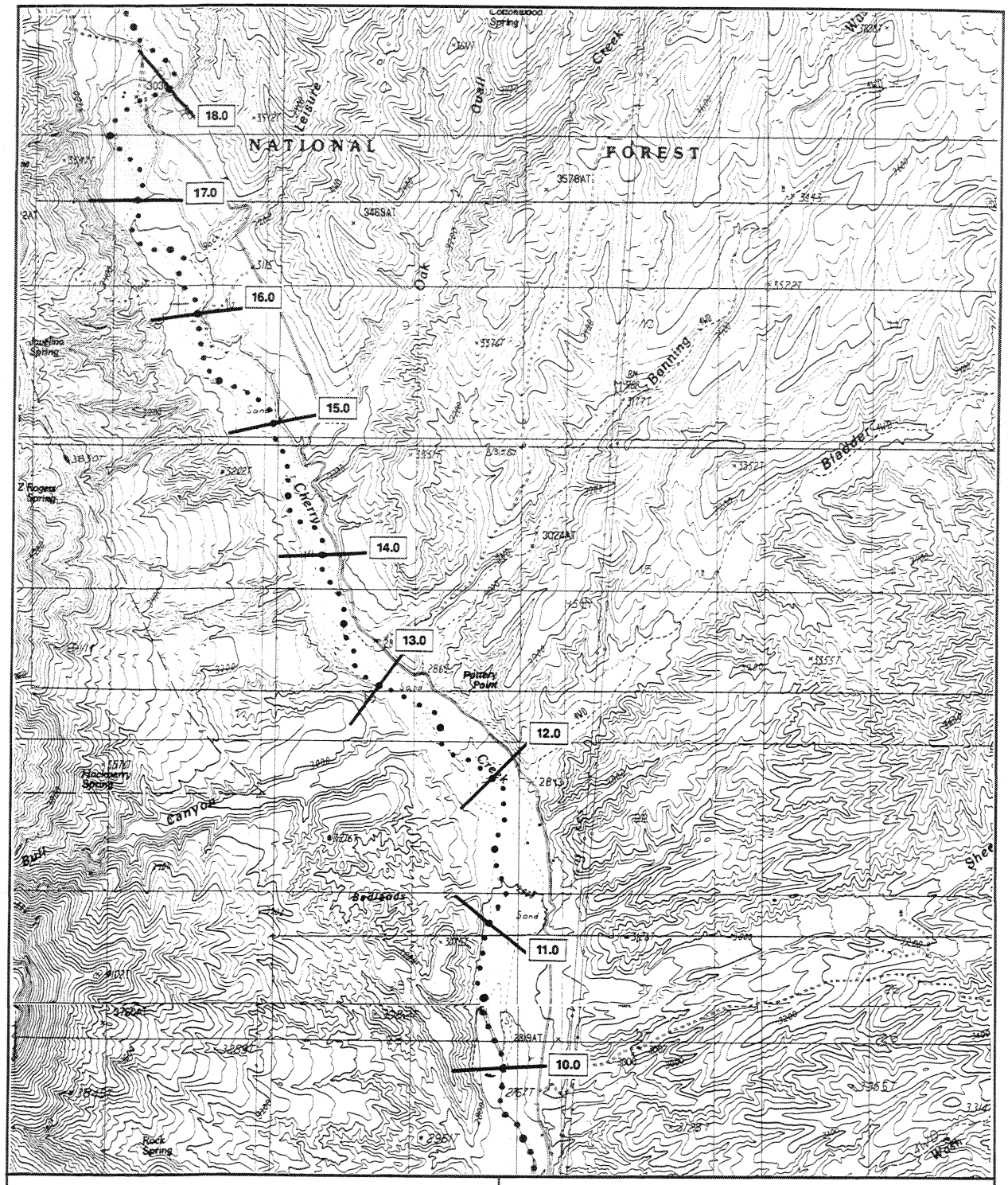
Cherry Creek
Plate; CHC 1

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO
RIVER
LITTLE
COLORADO
RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
RIVER
Sycamore Creek
Oak Creek
Pine Creek
Burro Creek
SANDY RIVER
BIG
SANTA MARIA RIVER
West Clear Creek
BILL WILLIAMS RIVER
EAST VERDE RIVER
RIVER
AGUA FRIA RIVER
VERDE
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
PHOENIX
SALT
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek
GILA
RIVER
GILA
COLORADO

PLATE; CHC 2


SOMBRERO PEAK QUAD
DAGGER PEAK QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

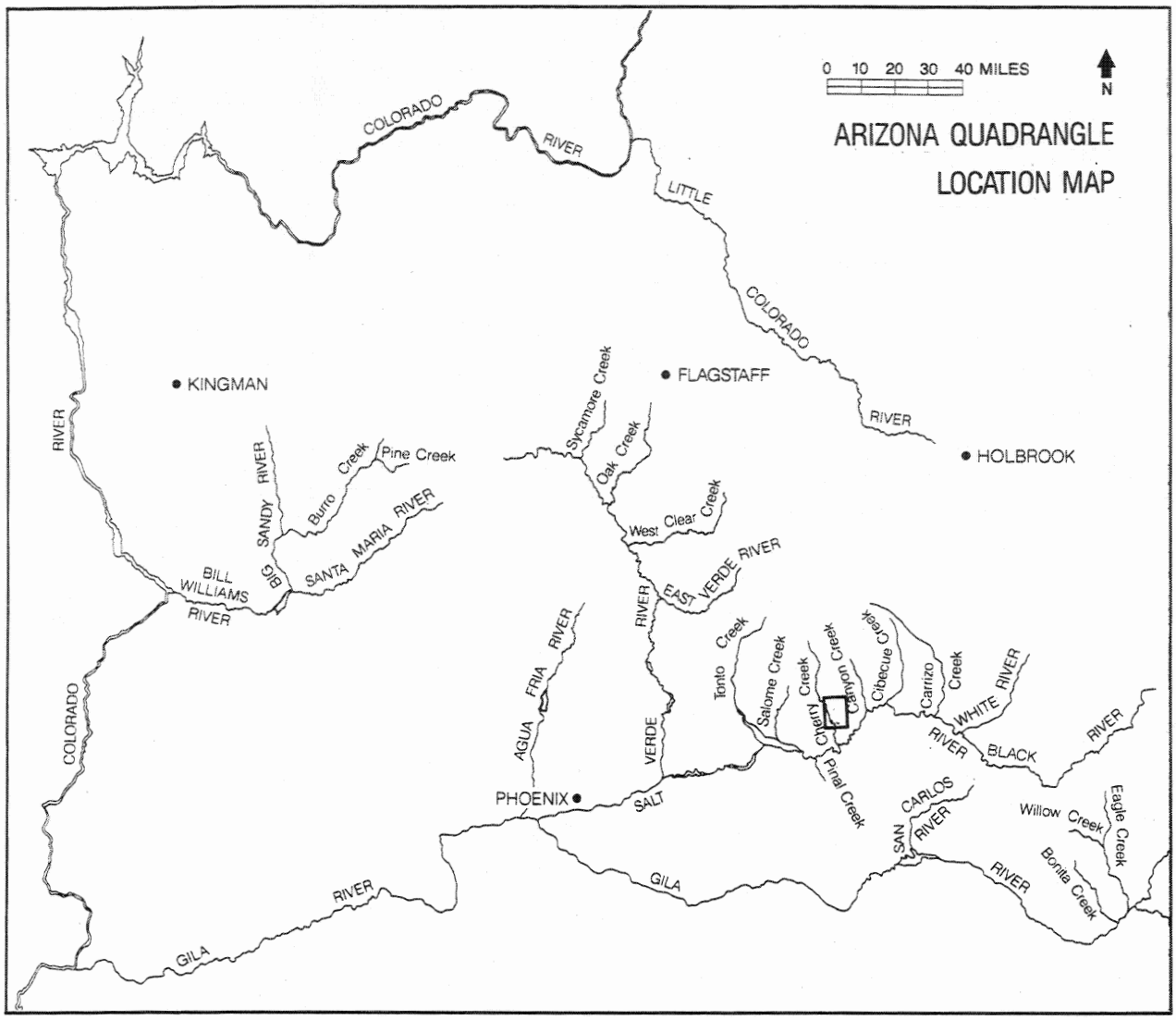
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

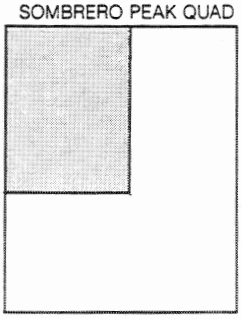
Cherry Creek
Plate; CHC 2

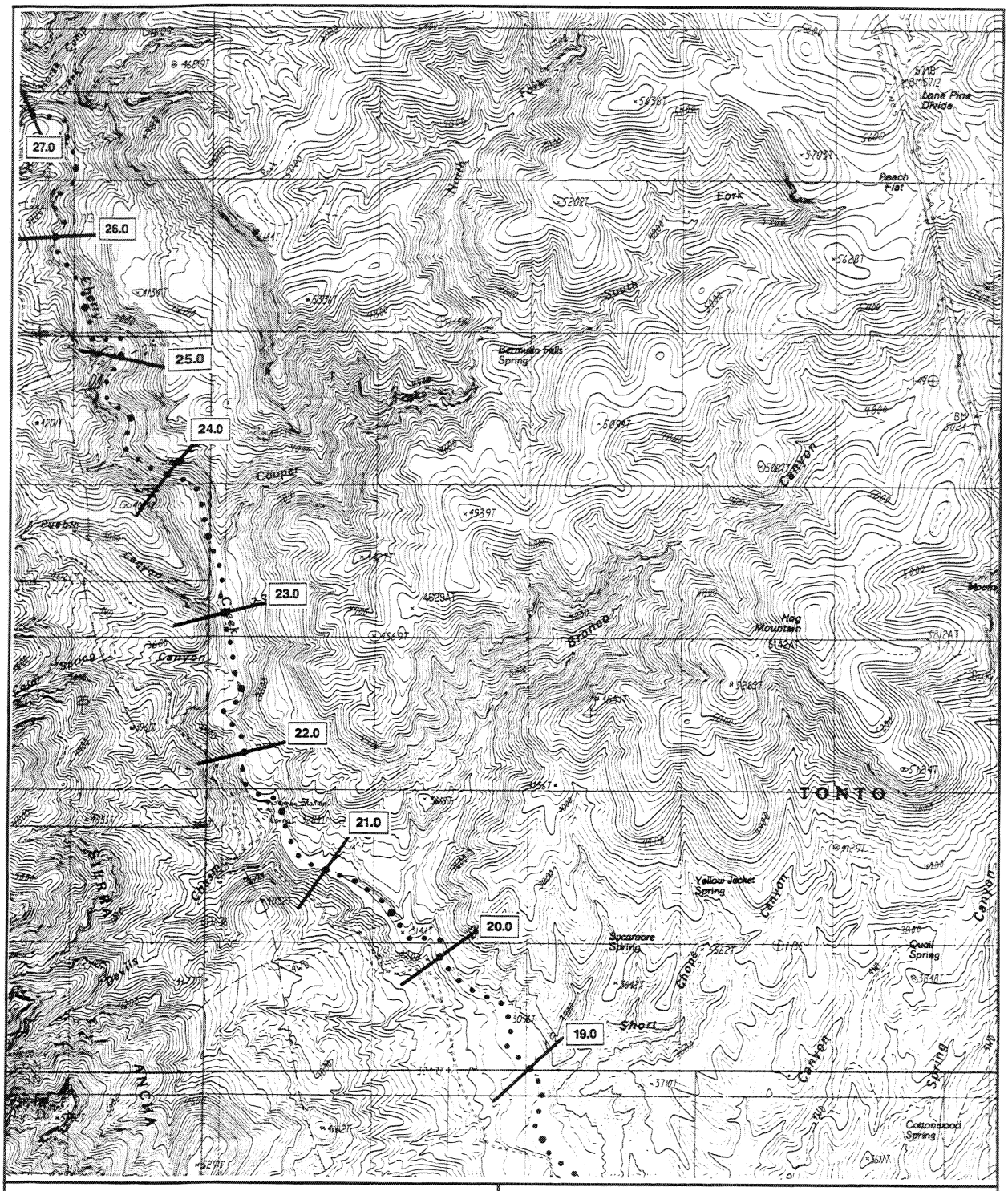
Prepared by: BioSystems Analysis, Inc.



PLATE; CHC 3

SOMBRERO PEAK QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

N

ARIZONA
BALD EAGLE PROJECT

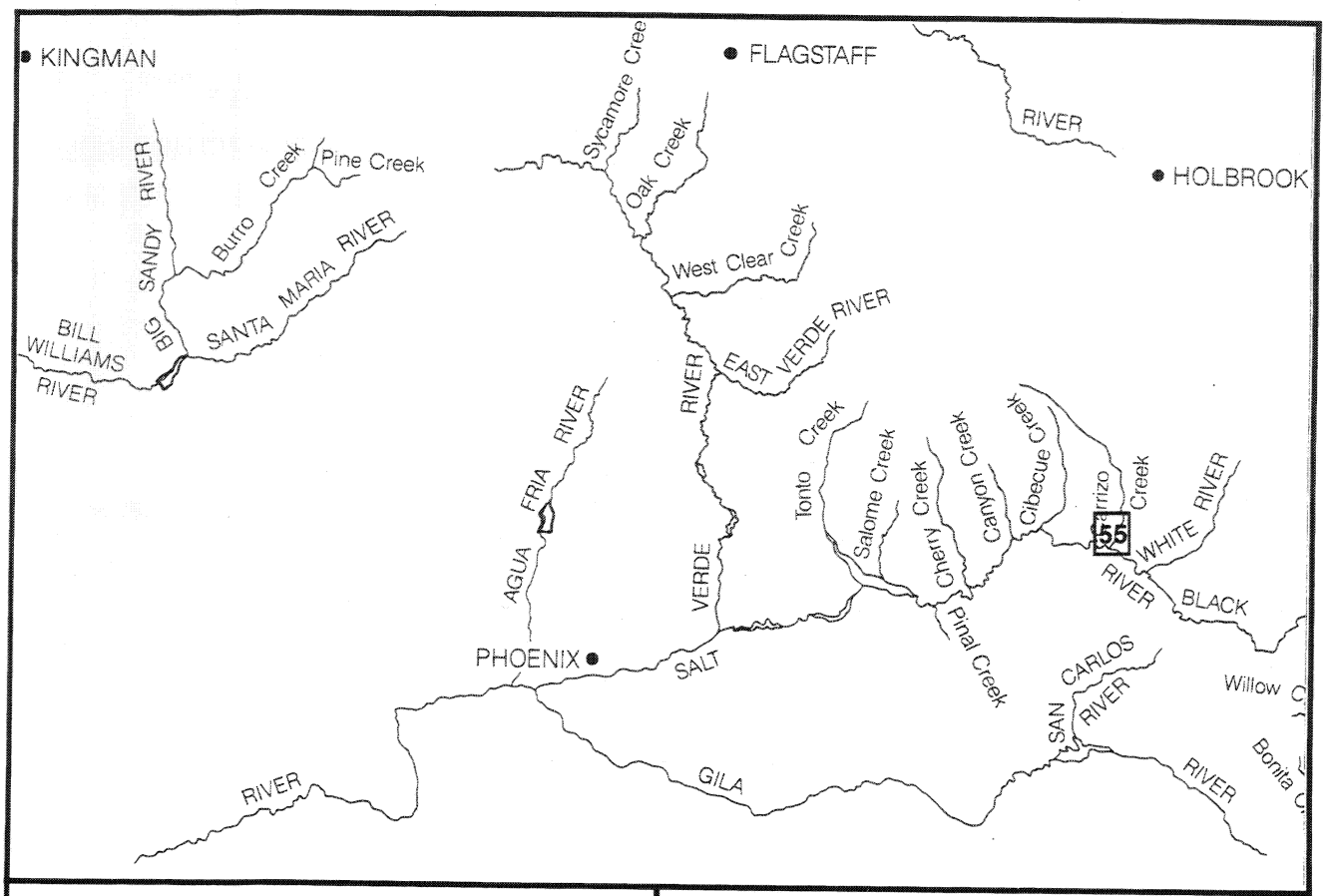
RIVER MAP ATLAS

Cherry Creek
Plate; CHC 3

Prepared by: BioSystems Analysis, Inc.

CARRIZO CREEK

KILOMETER 0.0-18.0



LEGEND

CC = CARRIZO CREEK

MILES

0 10 20 30

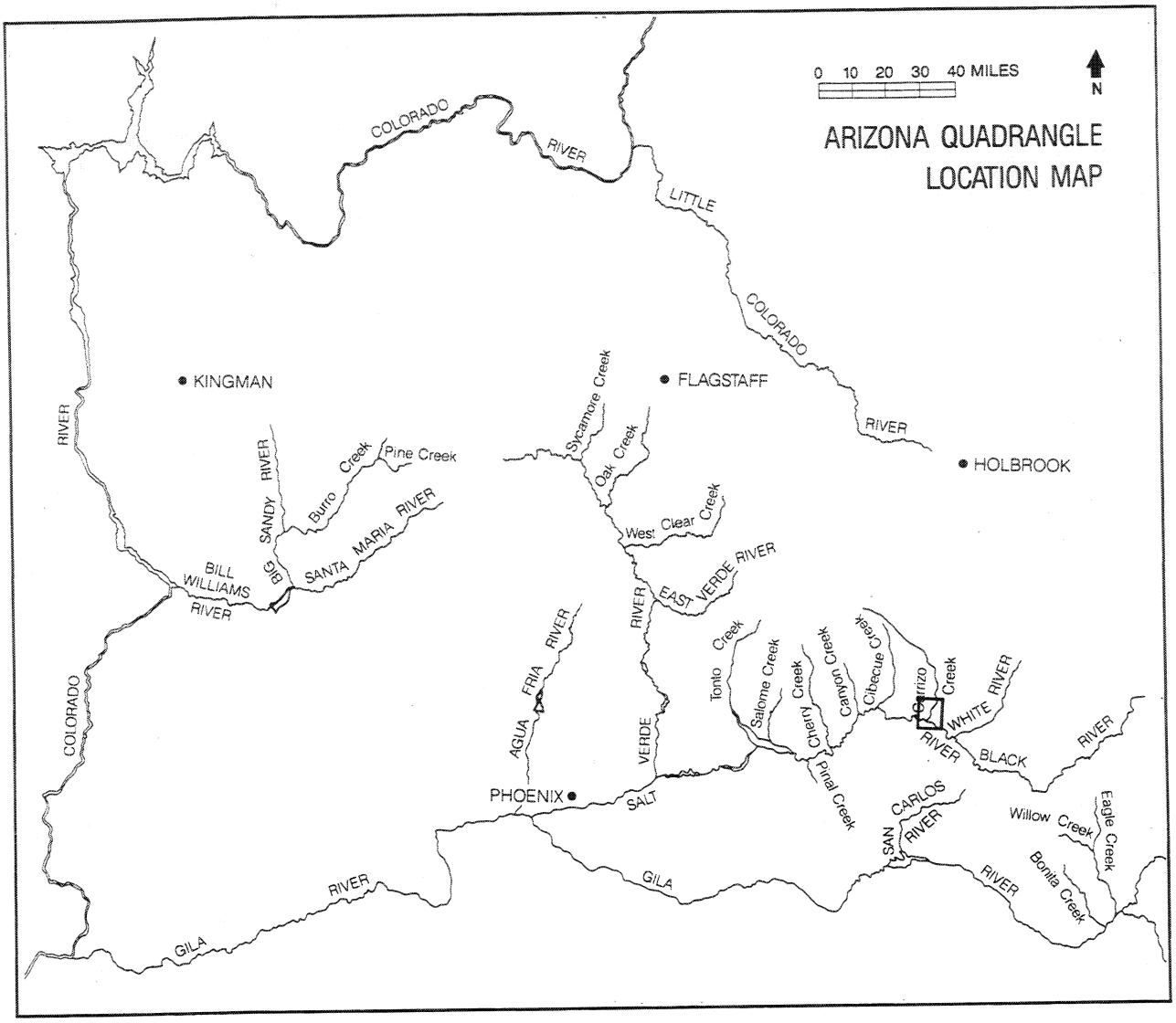
N

INDEX TO ARIZONA QUADRANGLES COVERING CARRIZO CREEK

55: Carrizo SE Quadrangle; 7½′; PLATE CC 1, CC 2

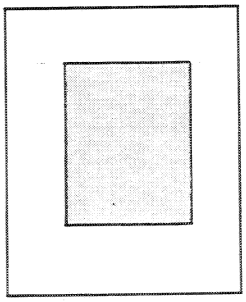
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

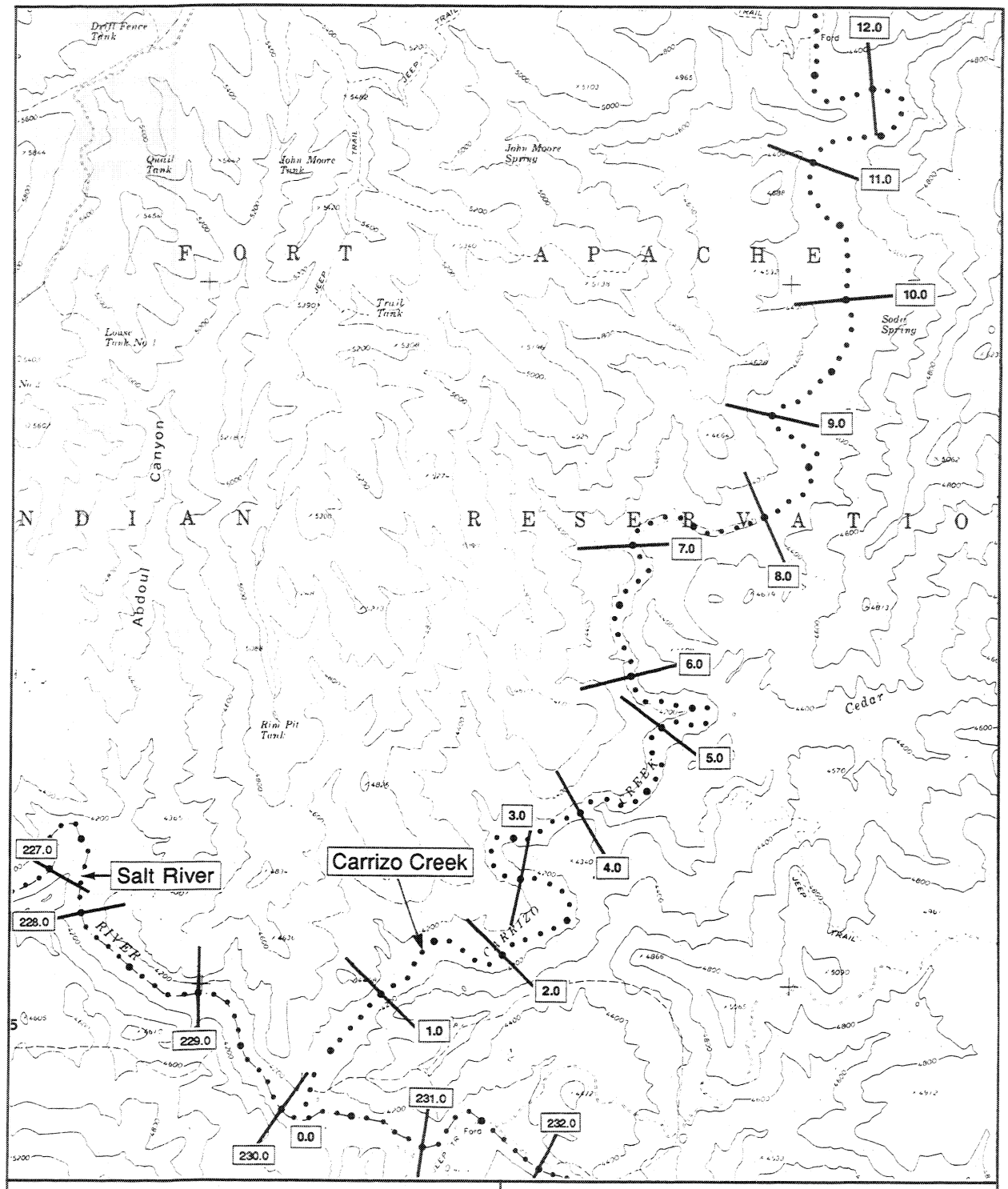
Prepared by: BioSystems Analysis, Inc.



PLATE; CC 1

CARRIZO SE QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

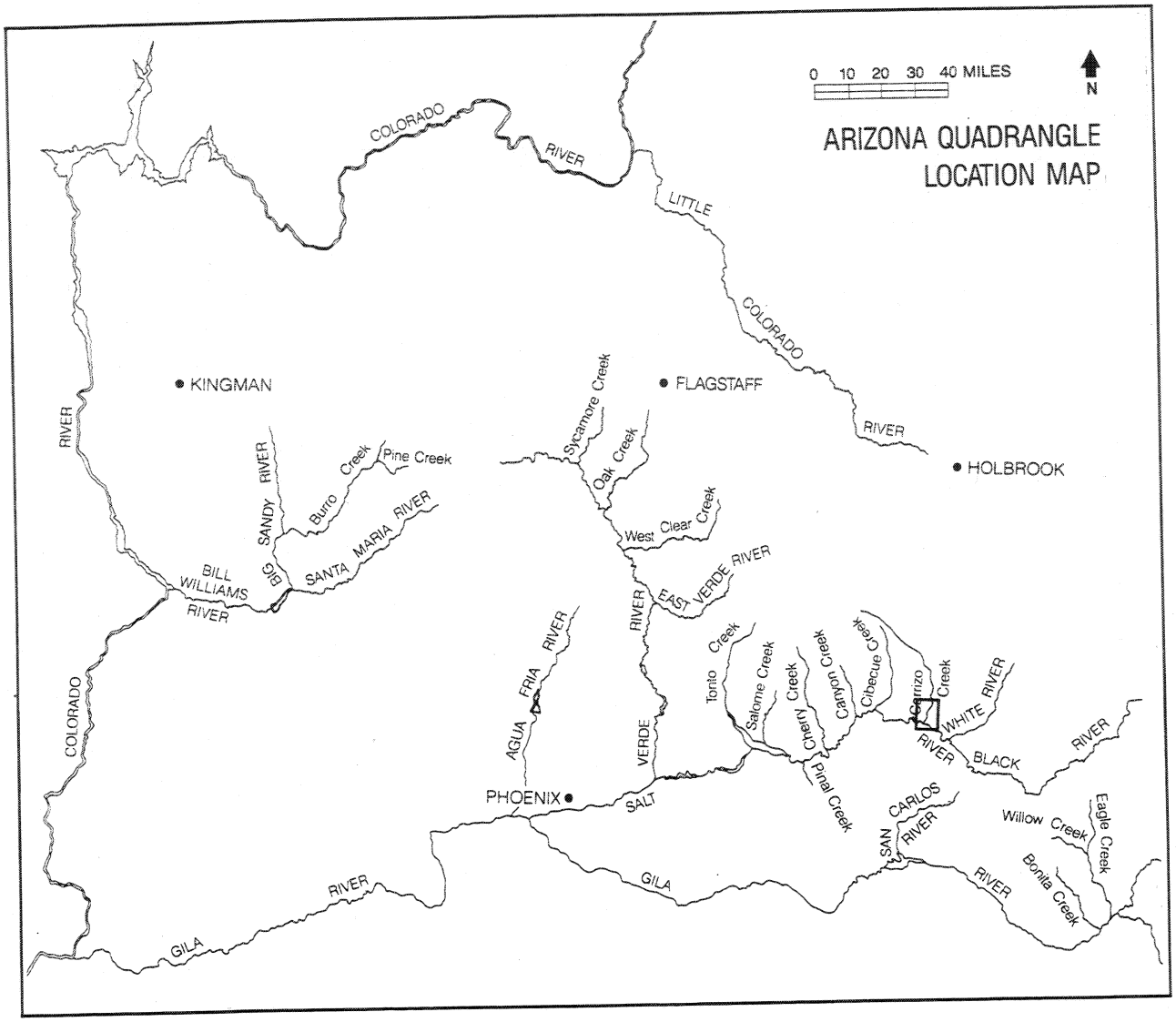
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

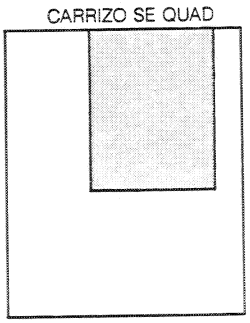
Carrizo Creek
Plate; CC 1

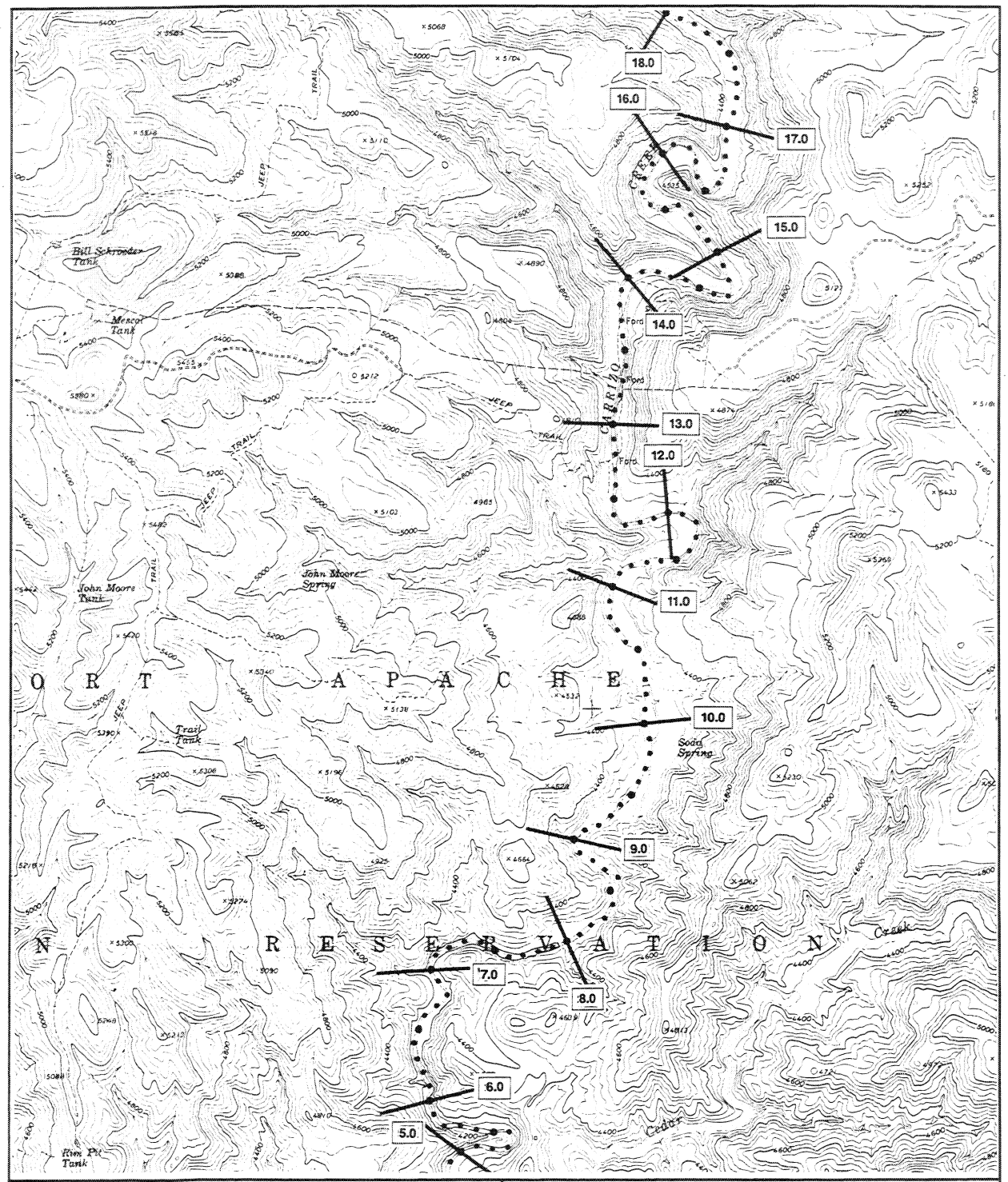
Prepared by: BioSystems Analysis, Inc.



PLATE; CC 2

CARRIZO SE QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

N

ARIZONA
BALD EAGLE PROJECT

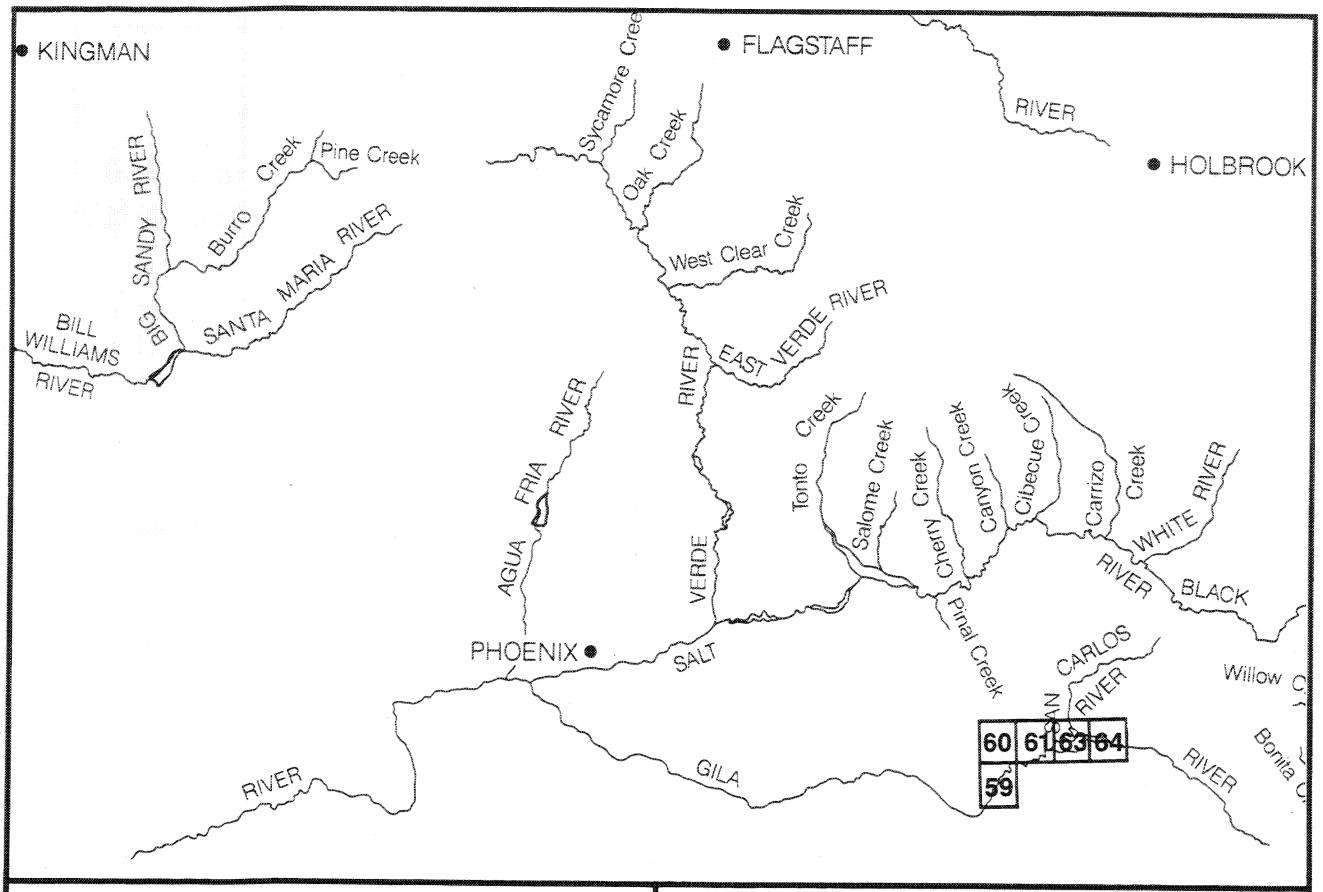
RIVER MAP ATLAS

Carrizo Creek
Plate; CC 2

Prepared by: BioSystems Analysis, Inc.

GILA RIVER

KILOMETER 0.0-70.0



LEGEND

GR = GILA RIVER

MILES

0 10 20 30

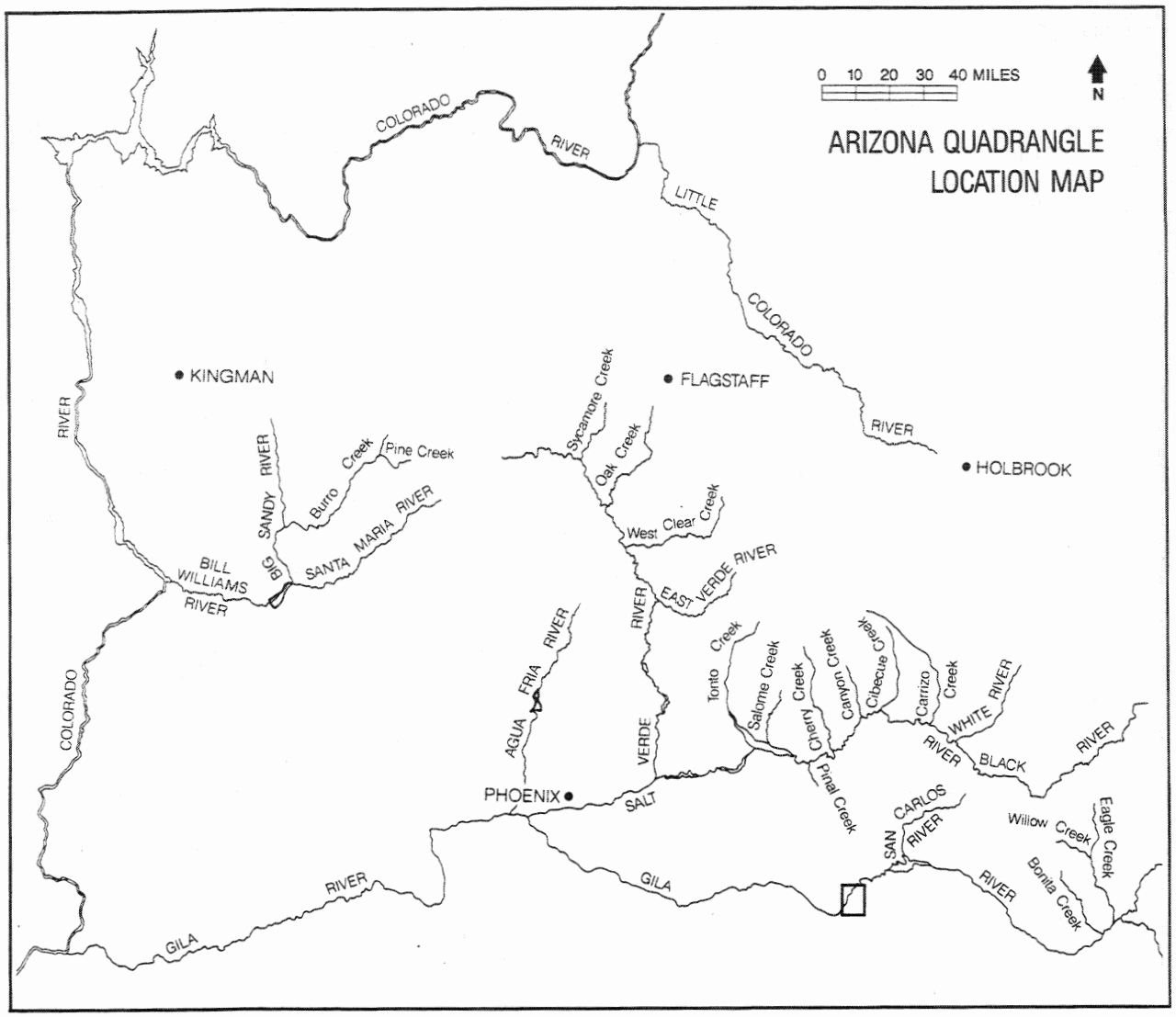
N

INDEX TO ARIZONA QUADRANGLES COVERING THE GILA RIVER

59:	Christmas Quadrangle	7½′	PLATE GR 1, GR 2
60:	Mescal Warm Spring Quadrangle	7½′	PLATE GR 2
61:	Coolidge Dam Quadrangle	7½′	PLATE GR 3, GR 4
63:	San Carlos Reservoir Quadrangle	15′ NW ¼	PLATE GR 4, GR 5, GR 6
64:	San Carlos Reservoir Quadrangle	15′ NE ¼	PLATE GR 6, GR 7, GR 8

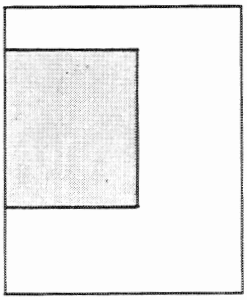
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

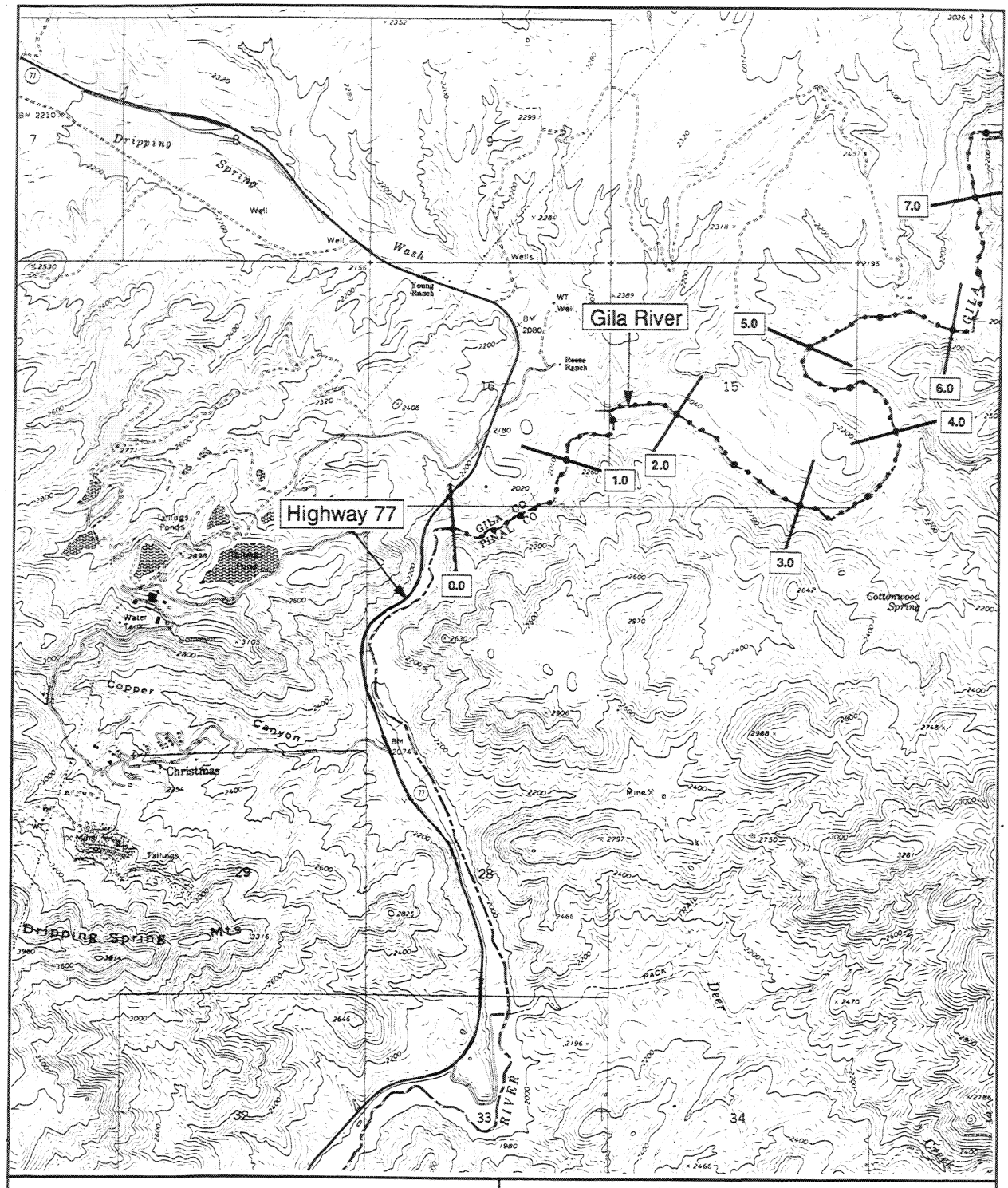
Prepared by: BioSystems Analysis, Inc.



PLATE; GR 1

CHRISTMAS QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

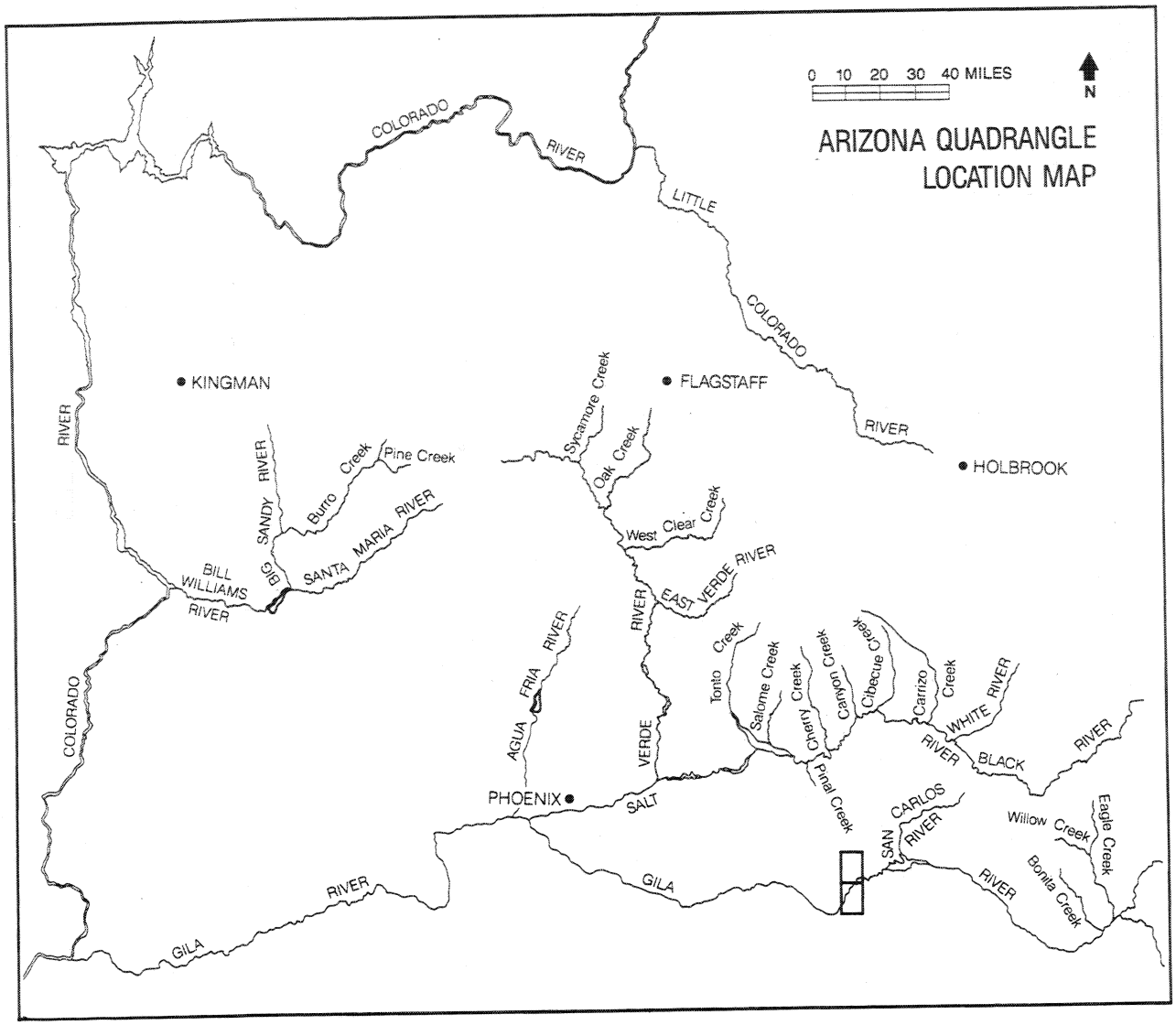
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

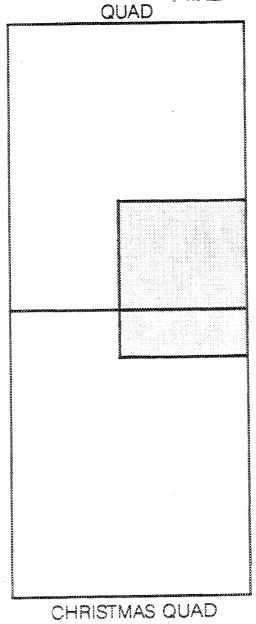
Gila River
Plate; GR 1

Prepared by: BioSystems Analysis, Inc.

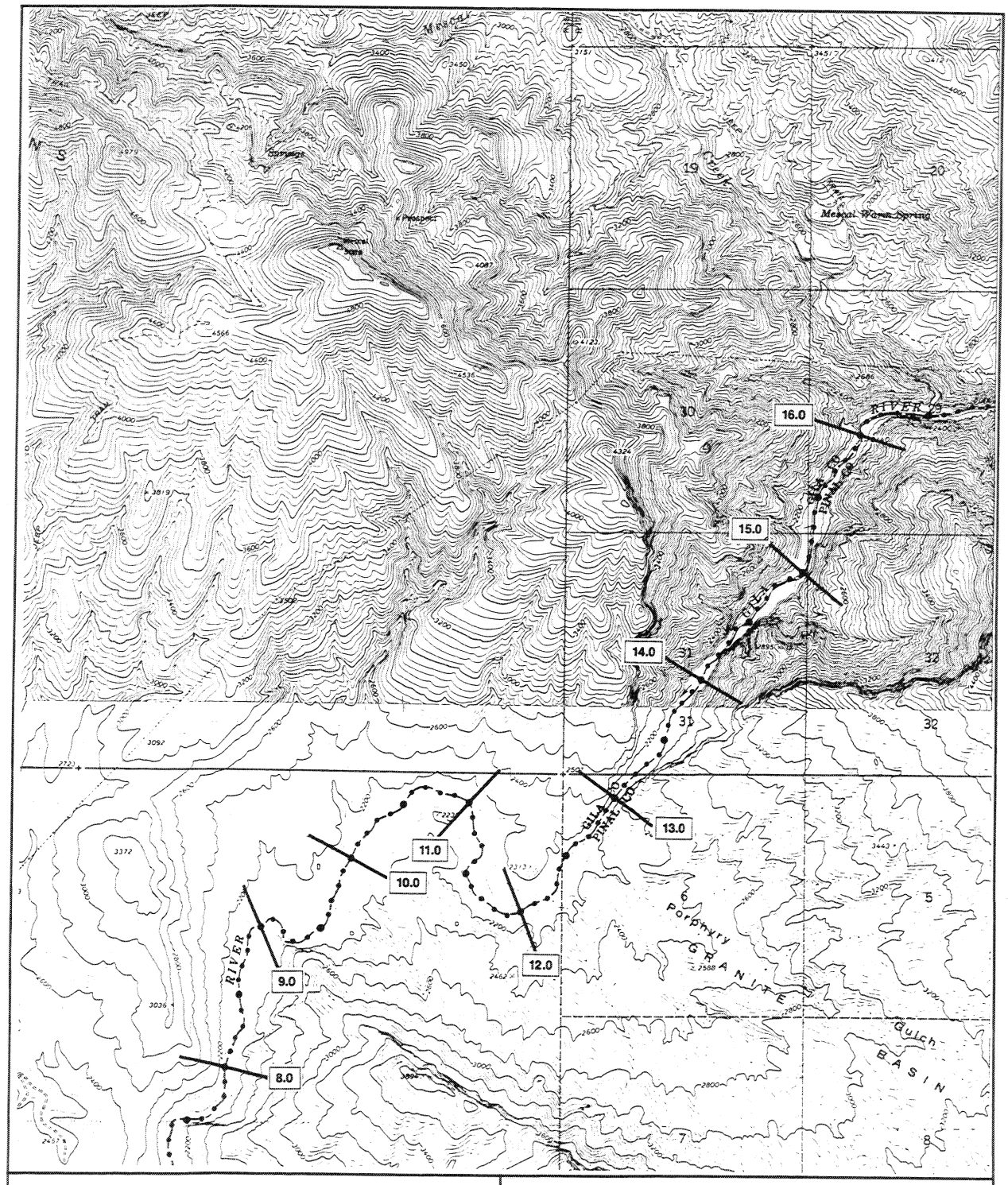


PLATE; GR 2

MESCAL WARM SPRING QUAD



CHRISTMAS QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

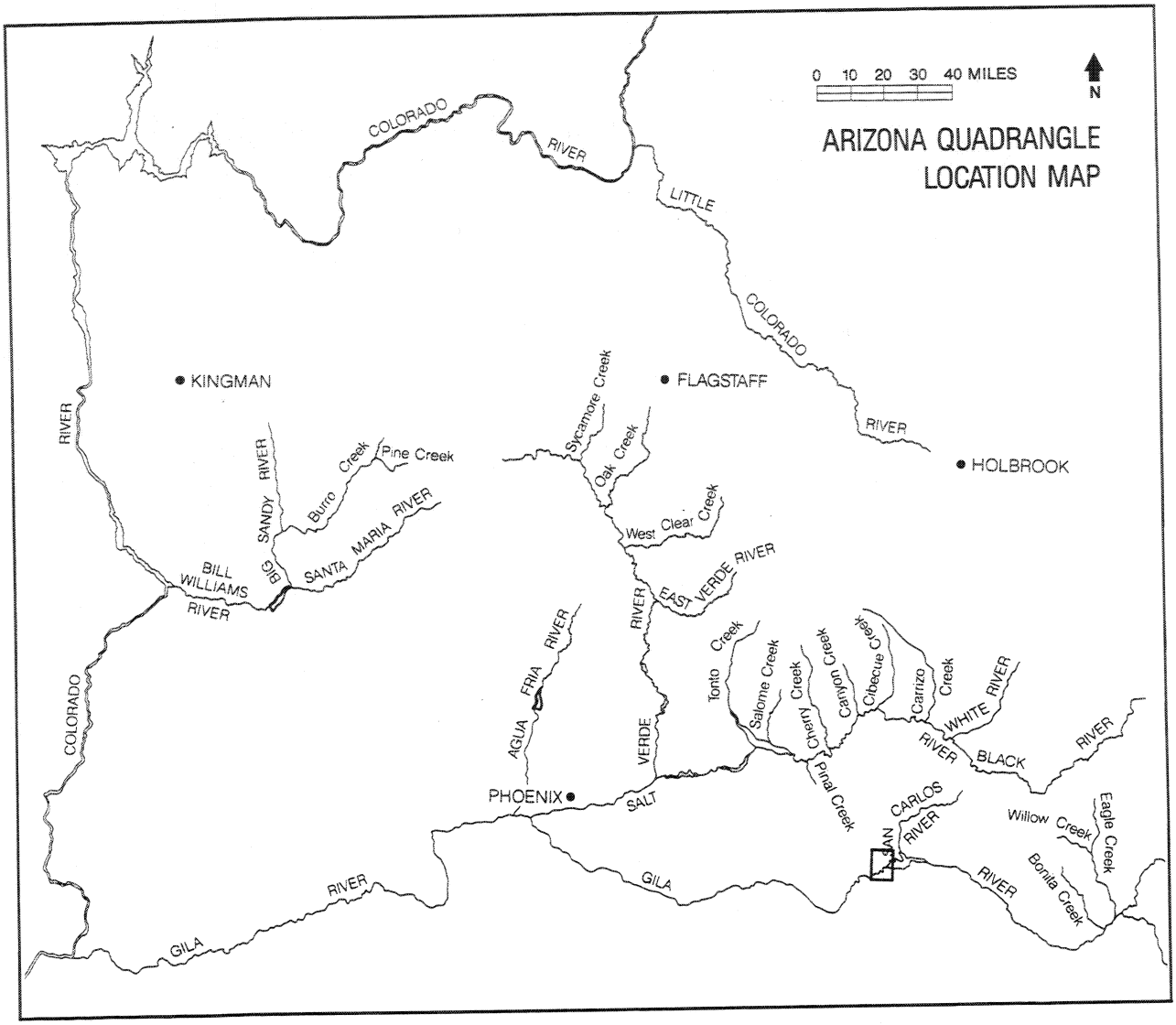
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

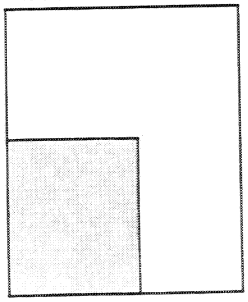
Gila River
Plate; GR 2

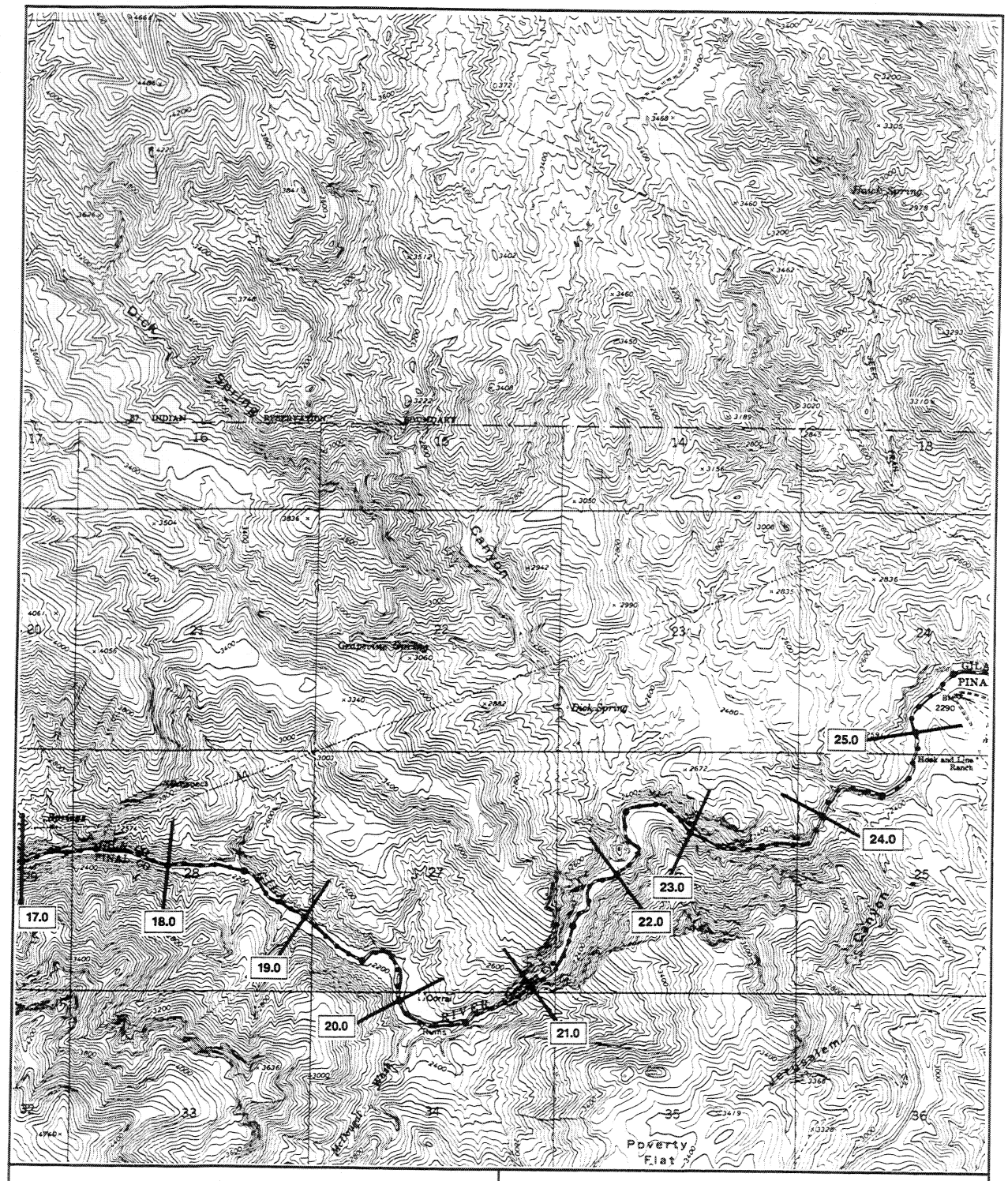
Prepared by: BioSystems Analysis, Inc.



PLATE; GR 3

COOLIDGE DAM QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

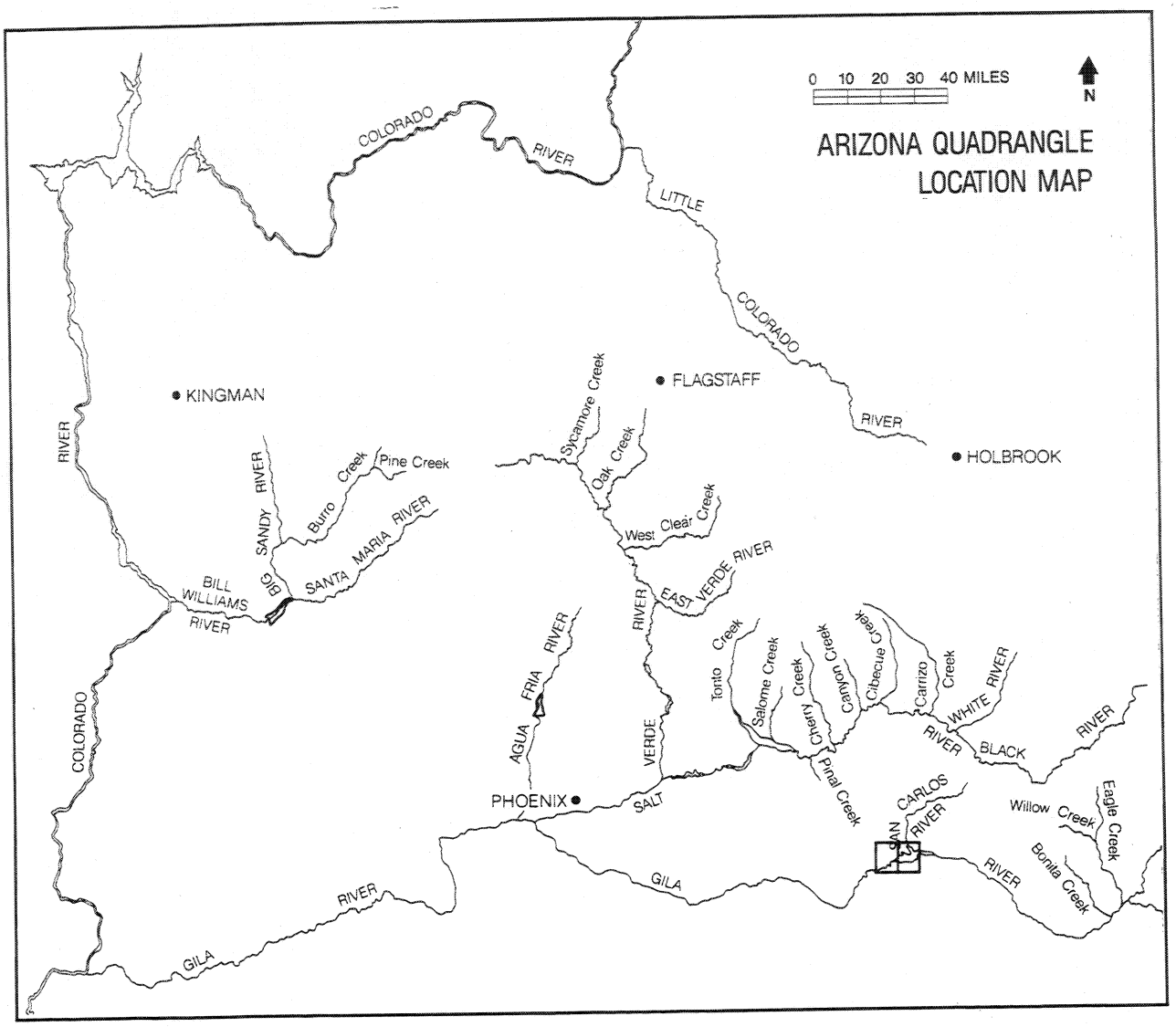
N

ARIZONA
BALD EAGLE PROJECT

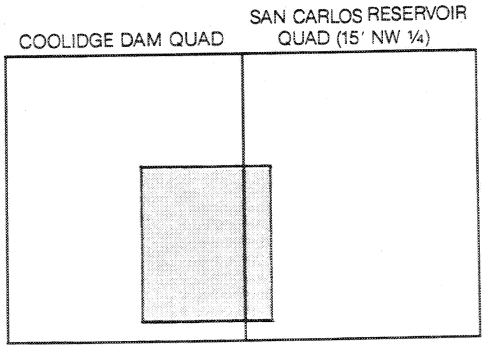
RIVER MAP ATLAS

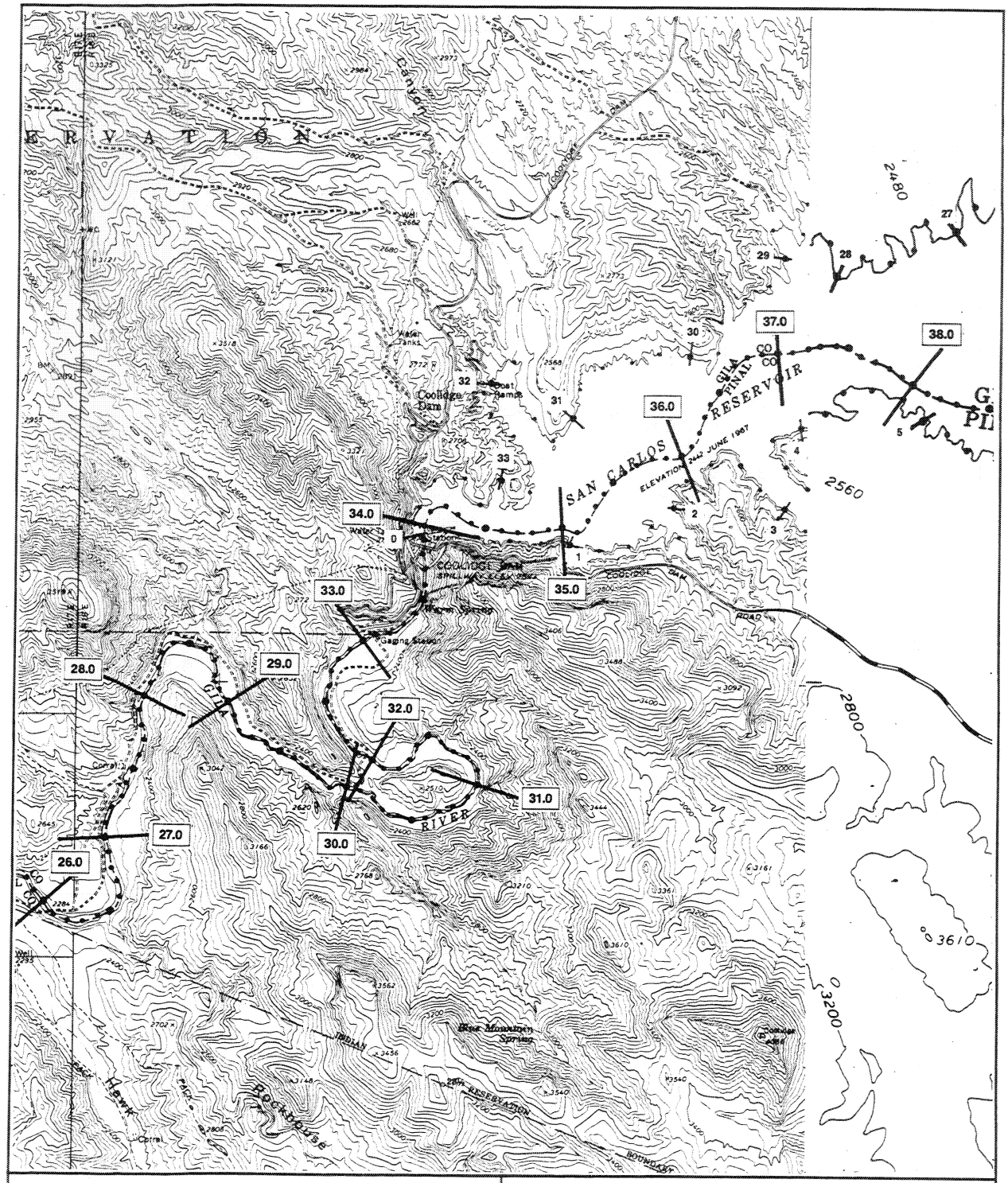
Gila River
Plate; GR 3

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
COLORADO RIVER
LITTLE COLORADO RIVER
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
Pine Creek
Burro Creek
SANDY RIVER
BIG SANTA MARIA RIVER
BILL WILLIAMS RIVER
AGUA FRIA RIVER
VERDE RIVER
Tonto Creek
Salome Creek
Cherry Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SALT RIVER
CARLOS
Willow Creek
Eagle Creek
Bonita Creek
GILA RIVER
COLORADO RIVER
GILA RIVER

PLATE; GR 4


COOLIDGE DAM QUAD
SAN CARLOS RESERVOIR
QUAD (15′ NW ¼)



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

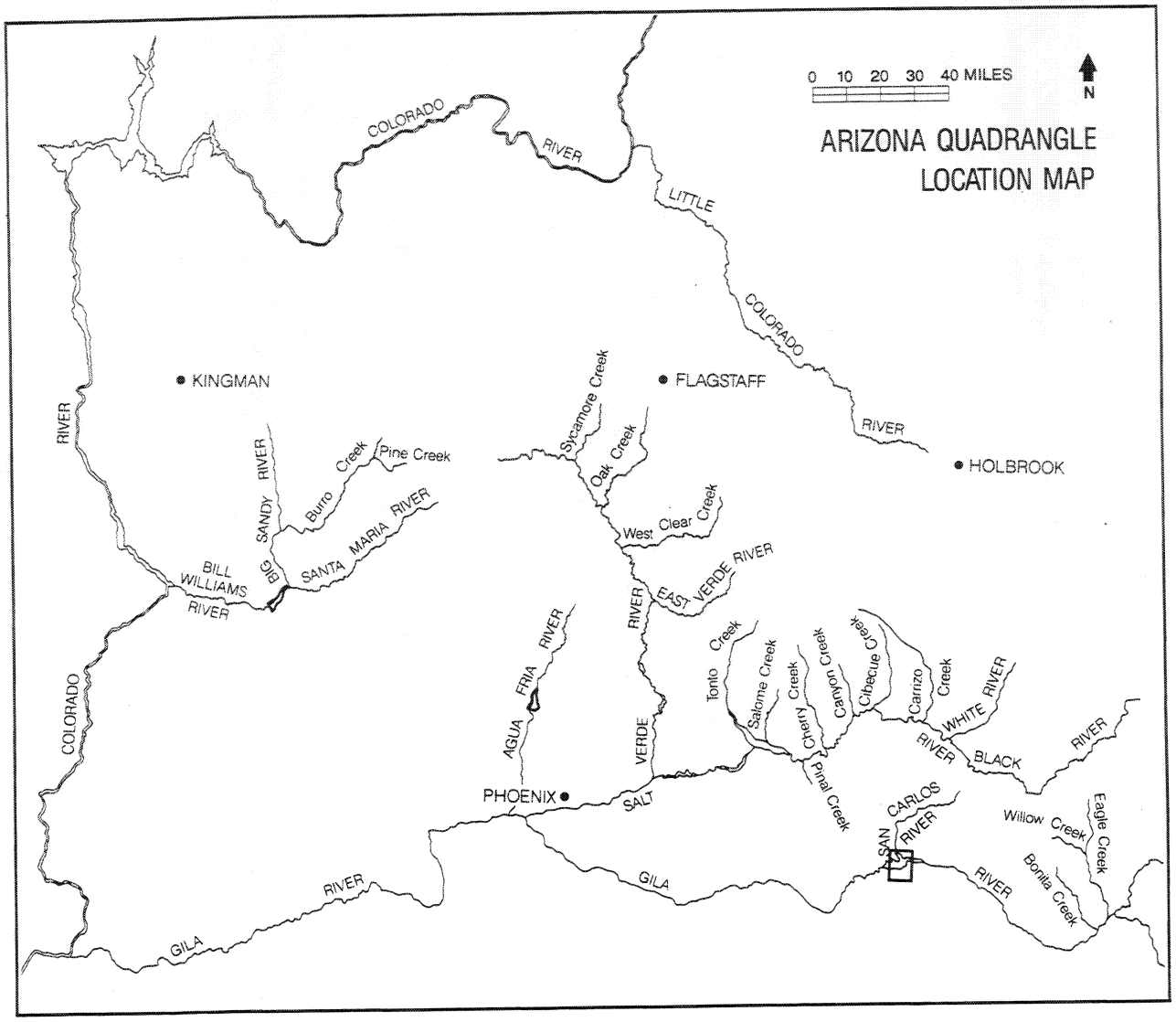
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

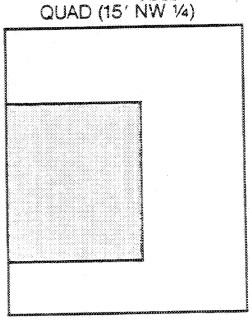
Gila River
Plate; GR 4

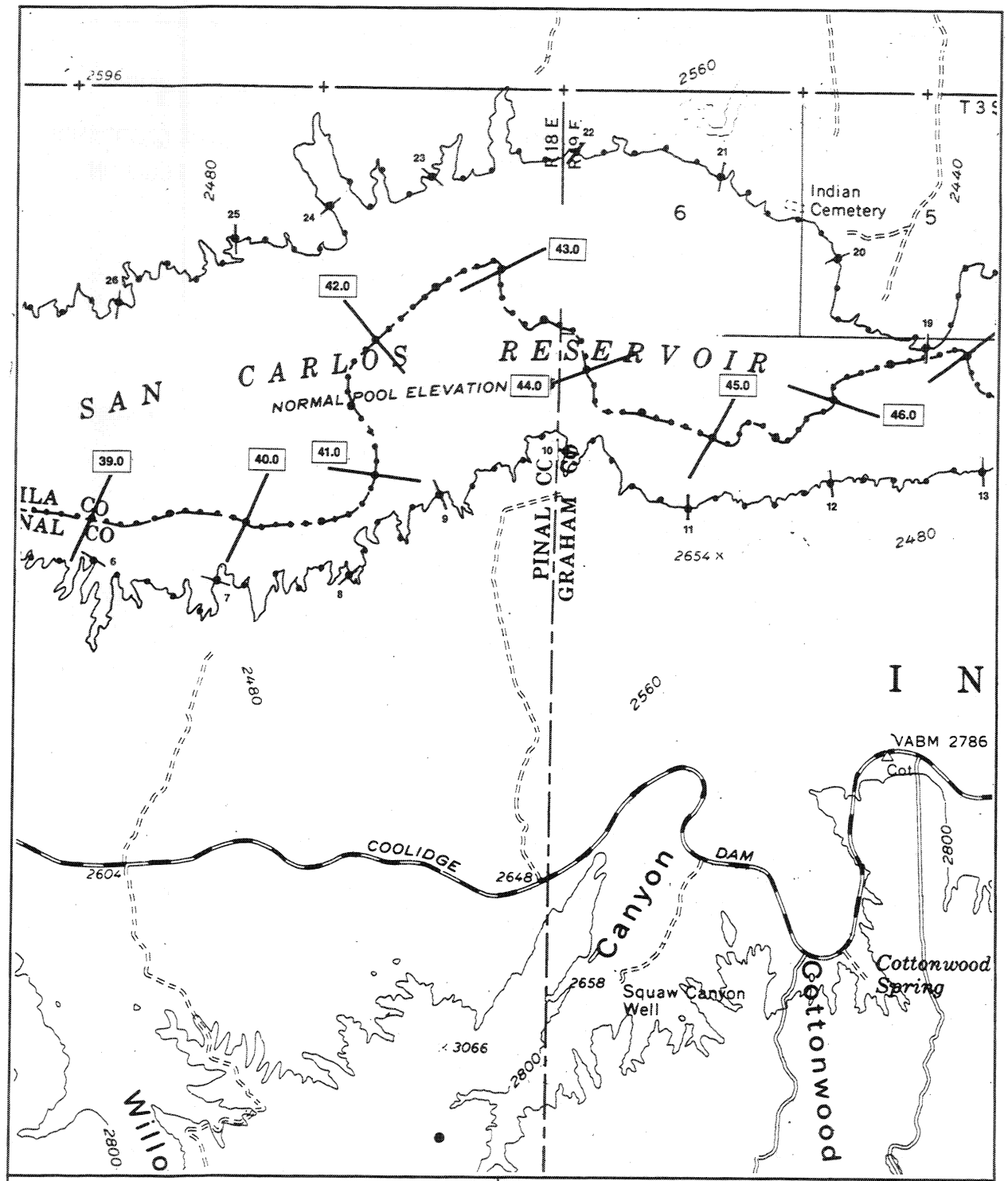
Prepared by: BioSystems Analysis, Inc.



PLATE; GR 5

SAN CARLOS RESERVOIR
QUAD (15′ NW ¼)





0.1 KILOMETER
0.5 KILOMETER
1.0 KILOMETER

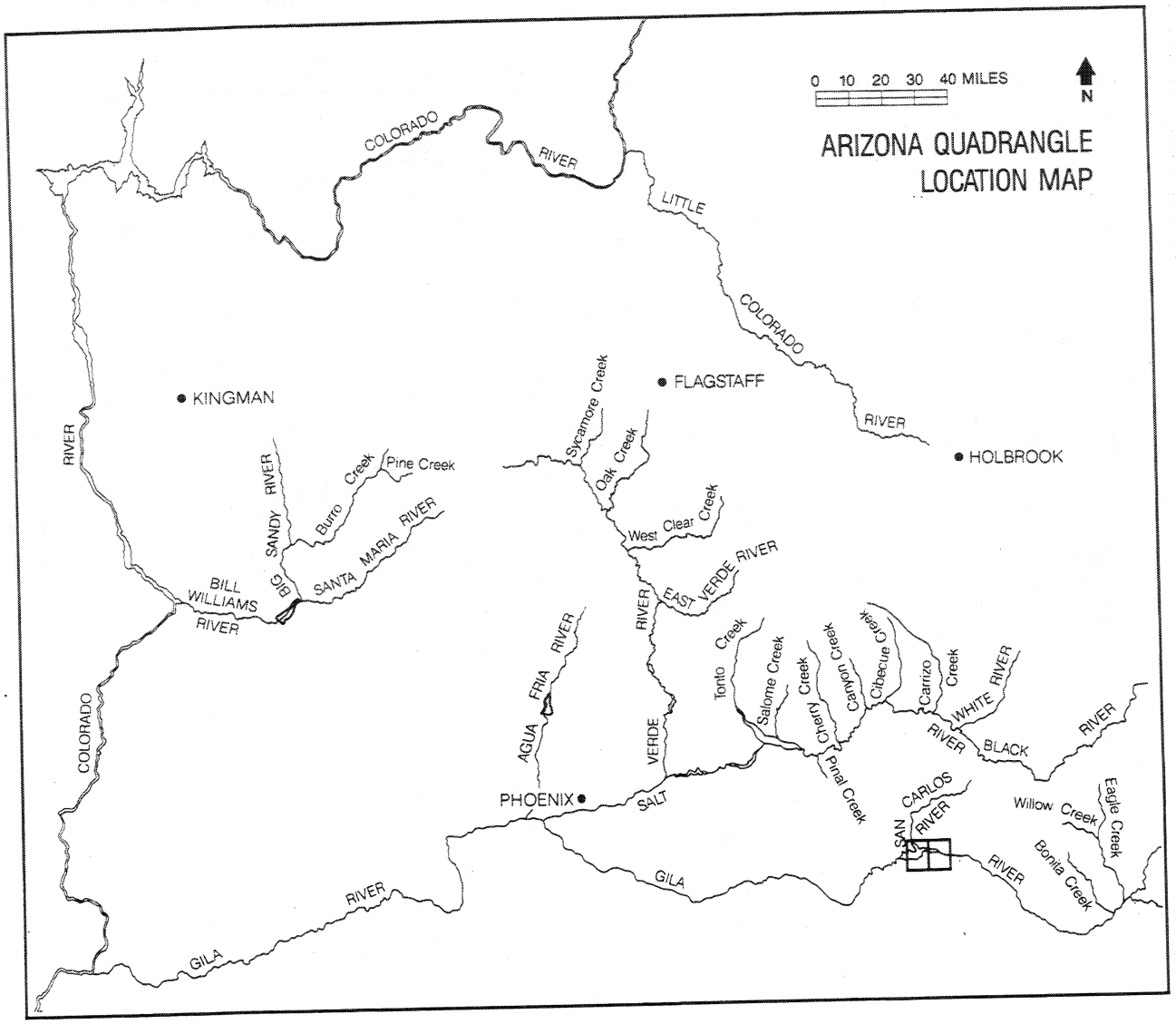
0 ½ 1 MILE
0 .5 1 KILOMETER

N

ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

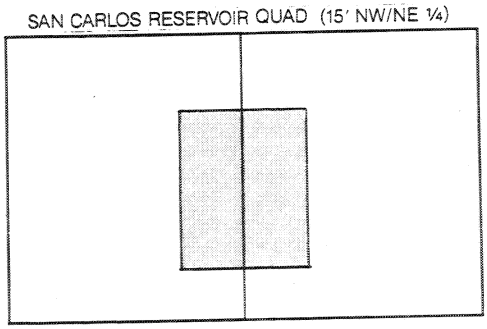
Gila River
Plate; GR 5

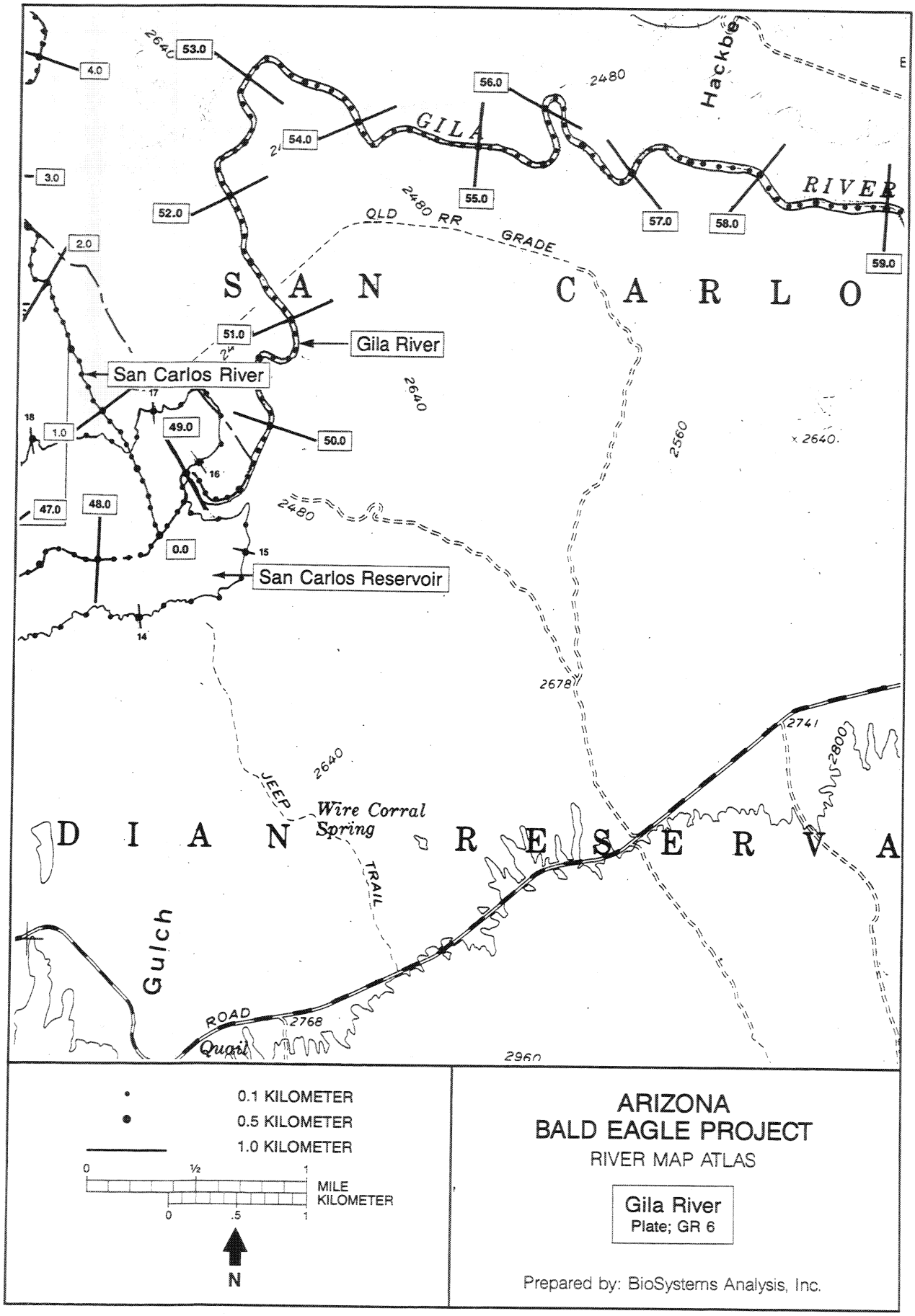
Prepared by: BioSystems Analysis, Inc.



PLATE; GR 6

SAN CARLOS RESERVOIR QUAD (15' NW/NE ¼)

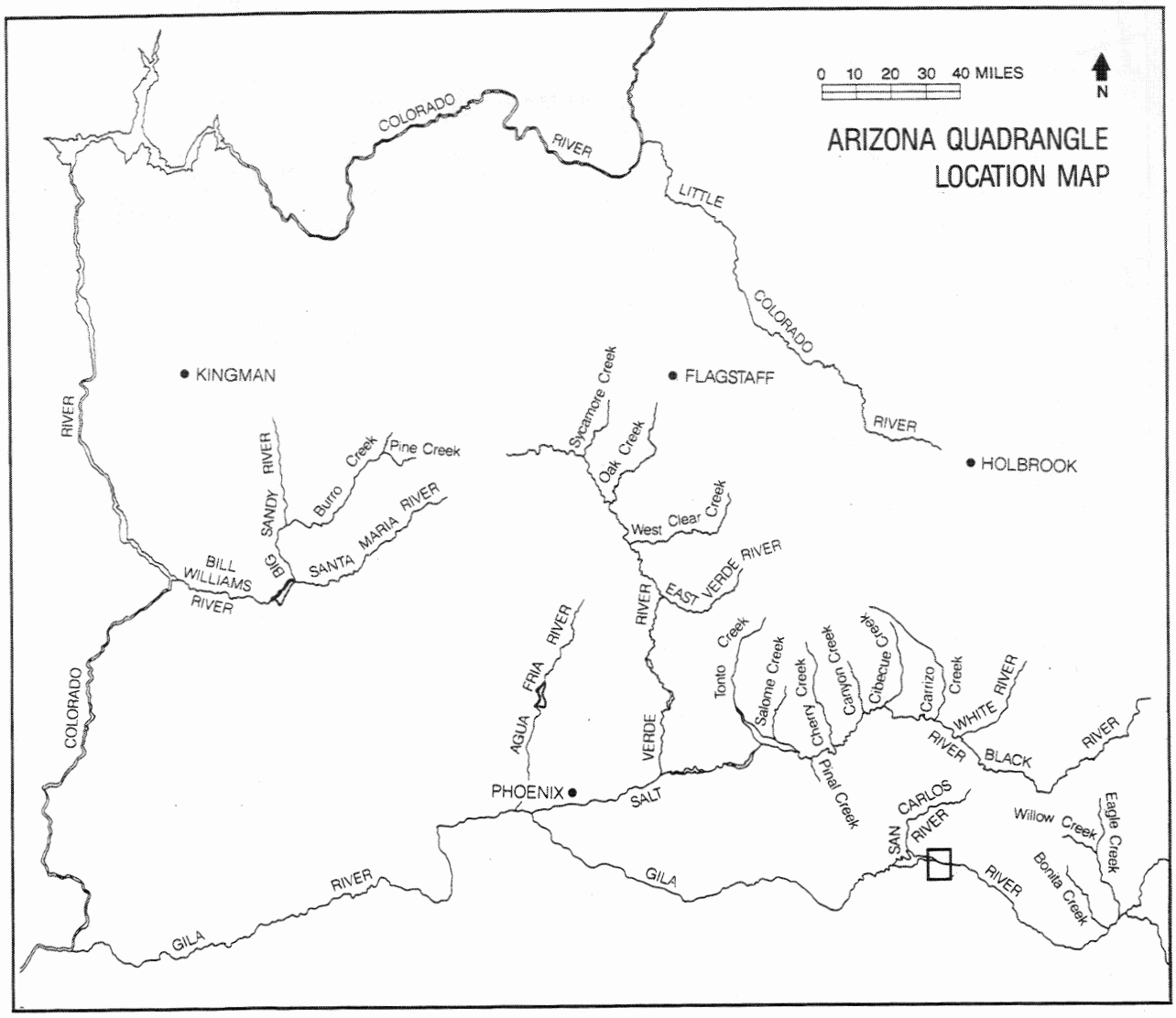




ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

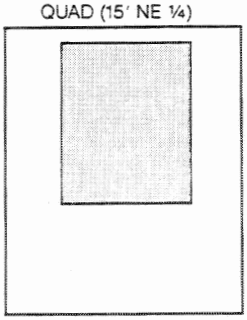
Gila River
Plate; GR 6

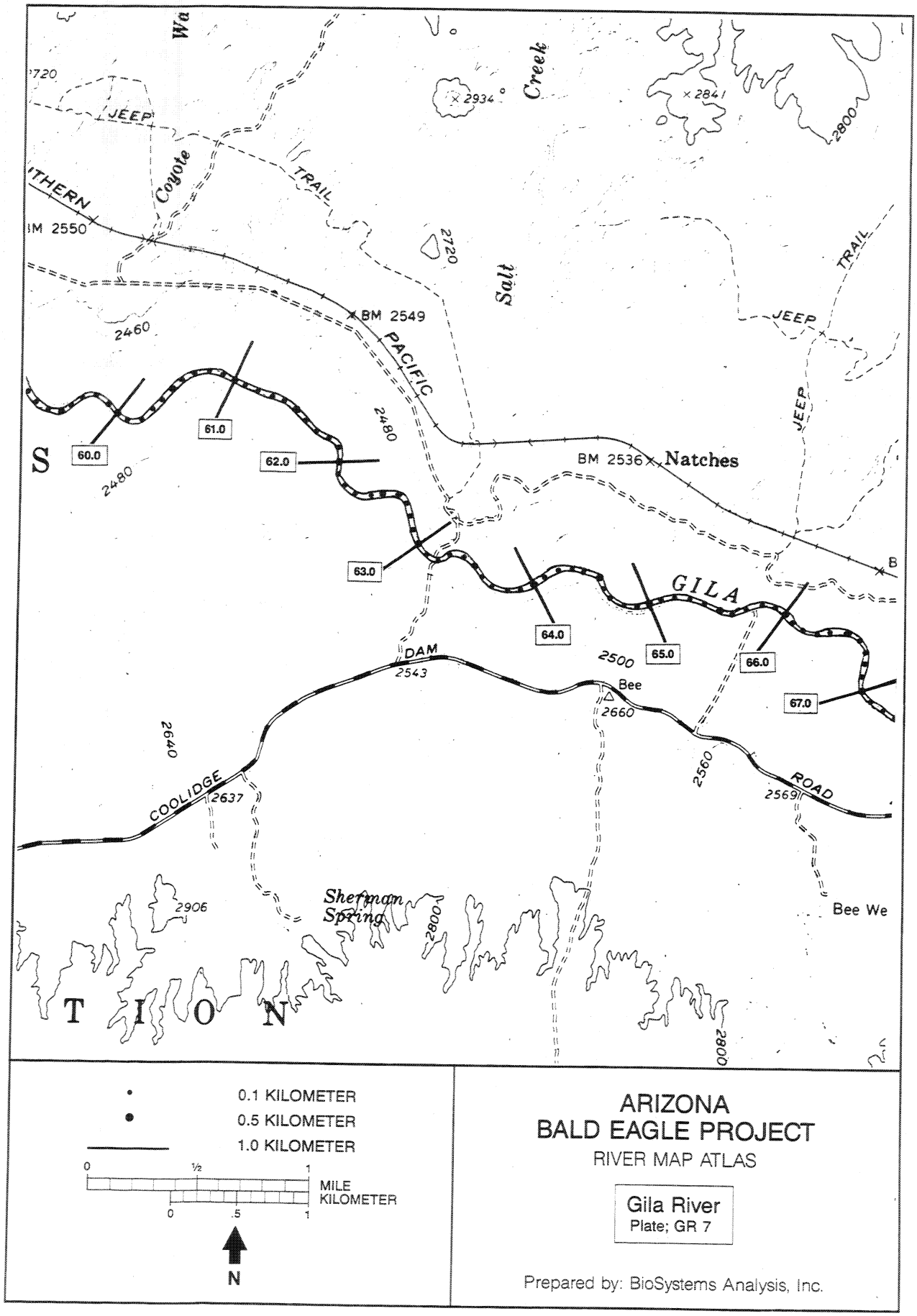
Prepared by: BioSystems Analysis, Inc.



PLATE; GR 7

SAN CARLOS RESERVOIR
QUAD (15′ NE ¼)

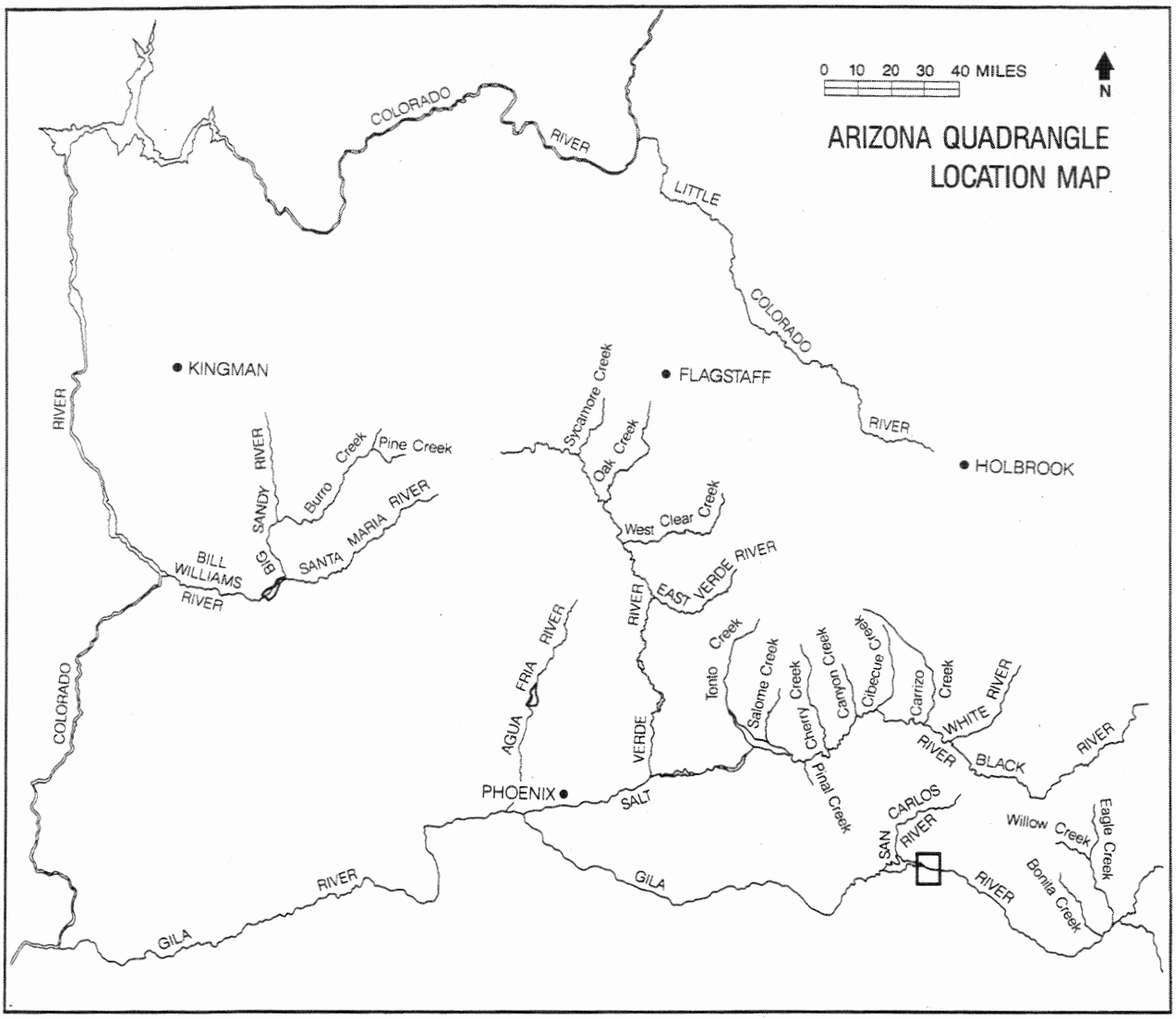




ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

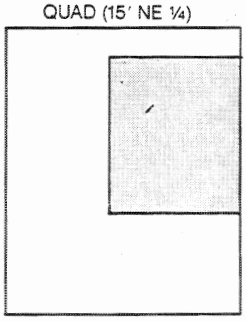
Gila River
Plate; GR 7

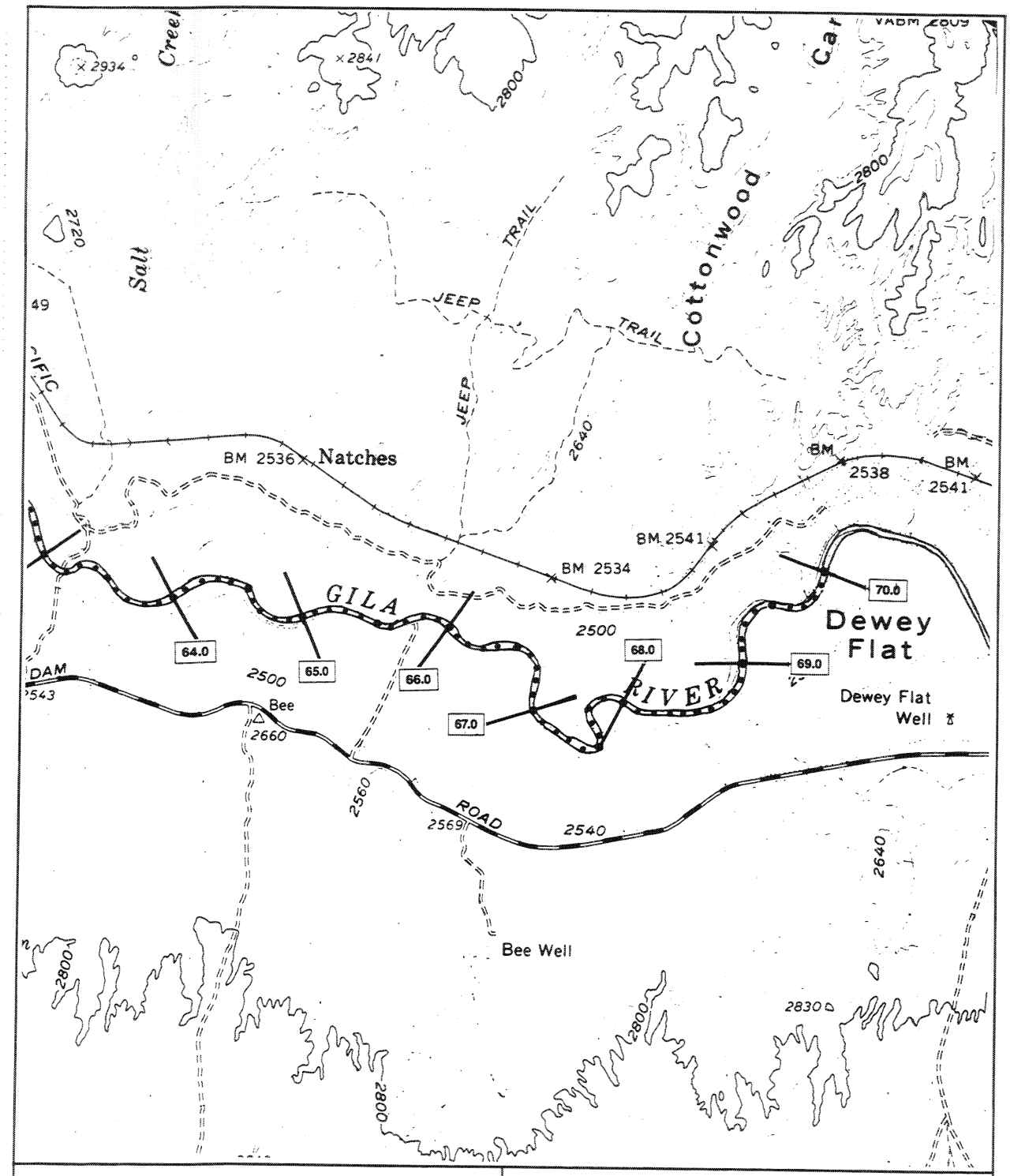
Prepared by: BioSystems Analysis, Inc.



PLATE; GR 8

SAN CARLOS RESERVOIR
QUAD (15′ NE ¼)





0.1 KILOMETER
0.5 KILOMETER
1.0 KILOMETER

0 ½ 1 MILE
0 .5 1 KILOMETER

N

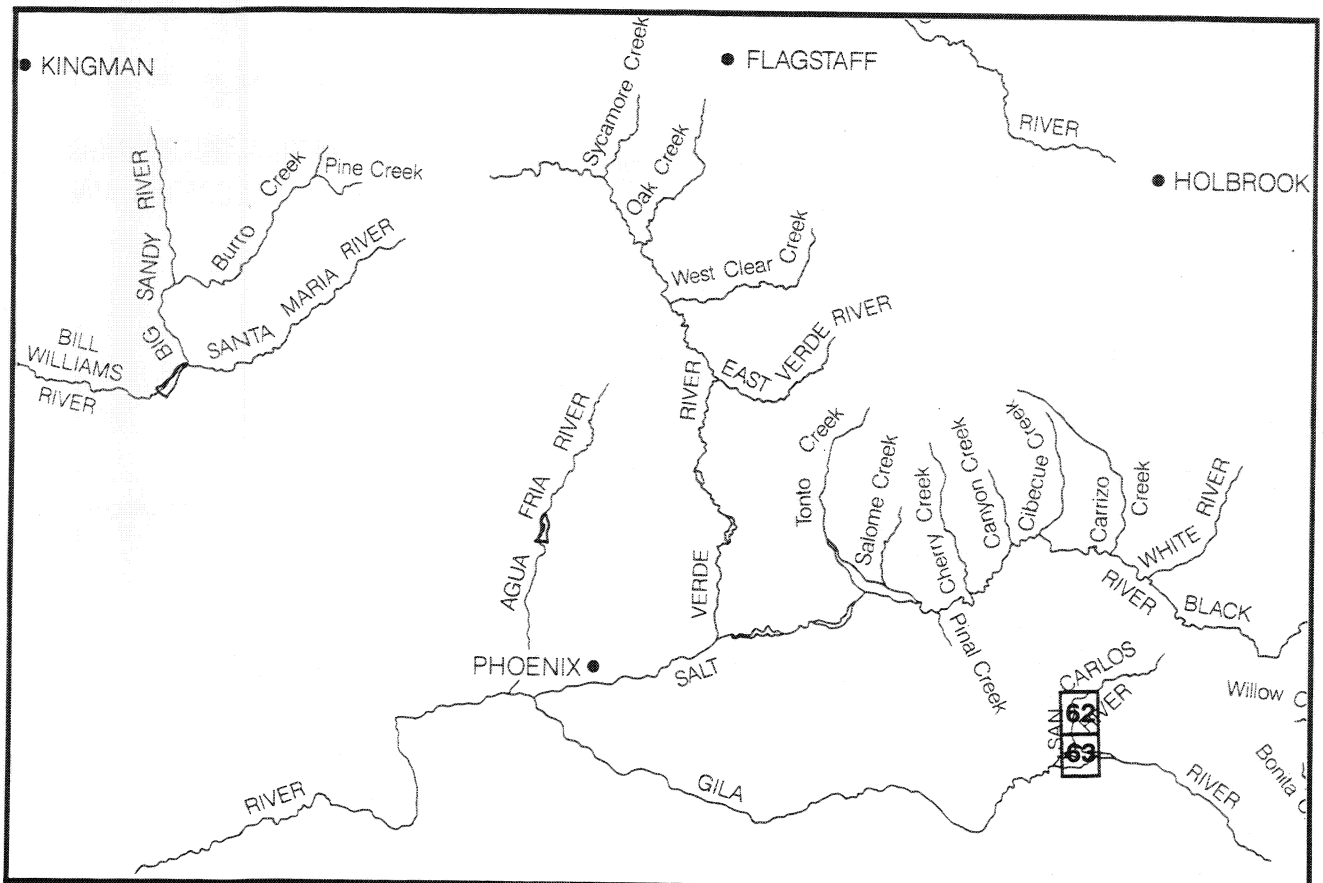
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

Gila River
Plate; GR 8

Prepared by: BioSystems Analysis, Inc.

SAN CARLOS RIVER

KILOMETER 0.0-24.7



LEGEND

SCR = SAN CARLOS RIVER

MILES

0 10 20 30

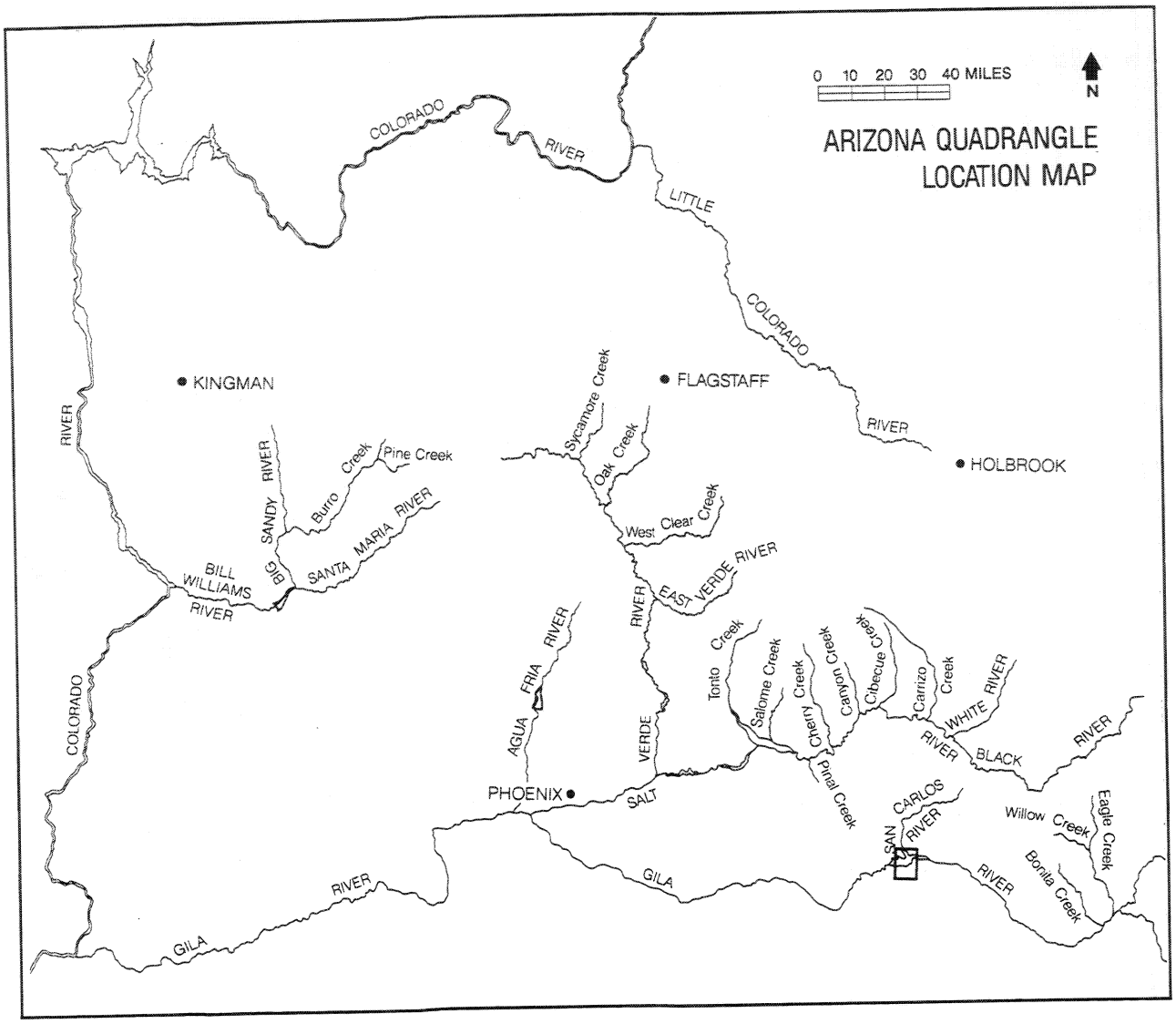
N

INDEX TO ARIZONA QUADRANGLES COVERING THE SAN CARLOS RESERVOIR

63: San Carlos Reservoir Quadrangle; 15′ NW ¼; PLATE SCR 1
62: San Carlos Quadrangle ; 7½′ ; PLATE SCR 2, SCR 3

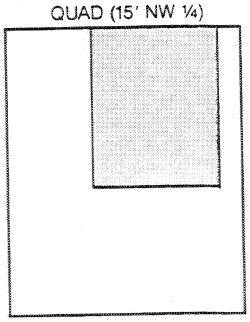
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

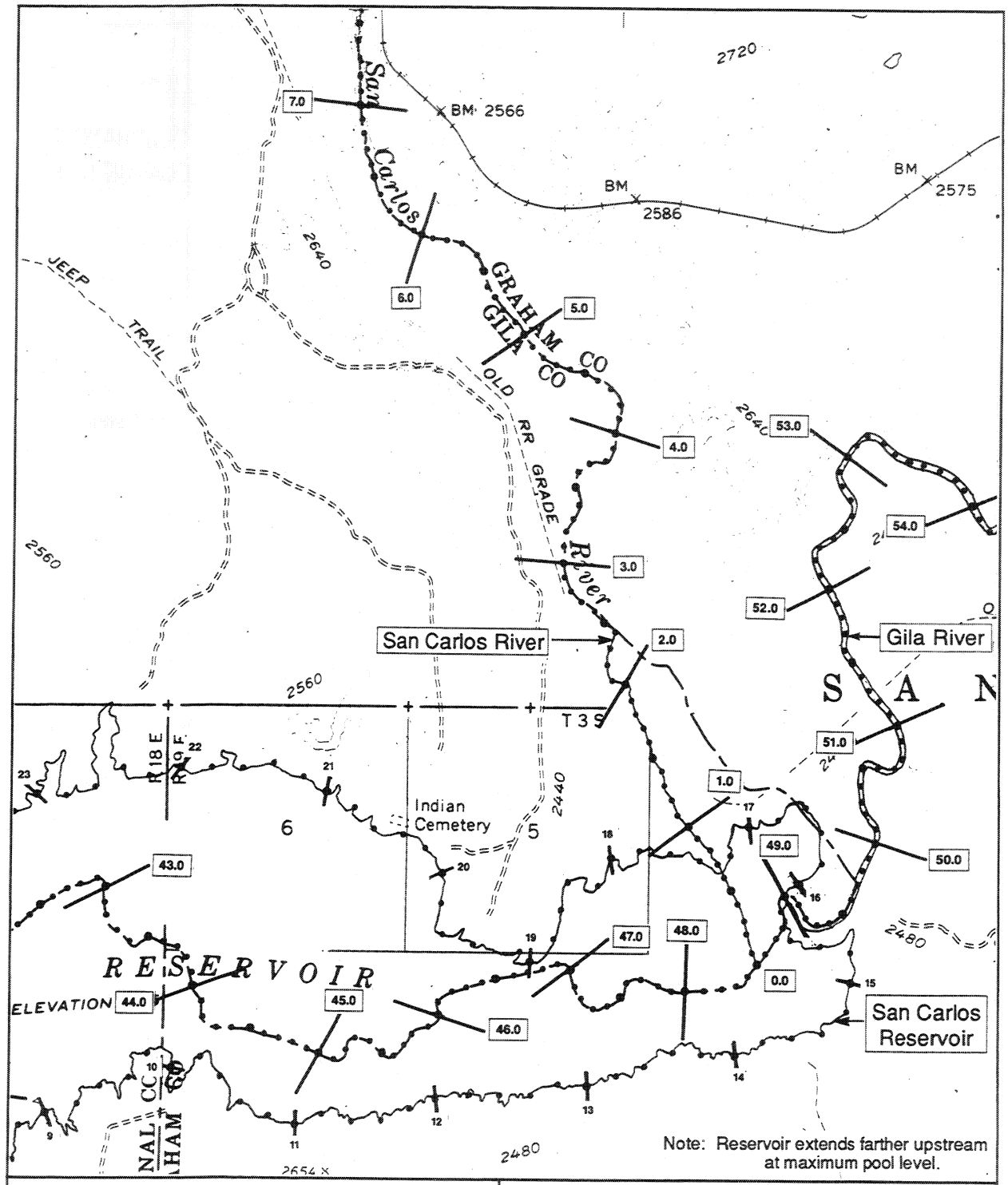
Prepared by: BioSystems Analysis, Inc.



PLATE; SCR 1

SAN CARLOS RESERVOIR
QUAD (15′ NW ¼)





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

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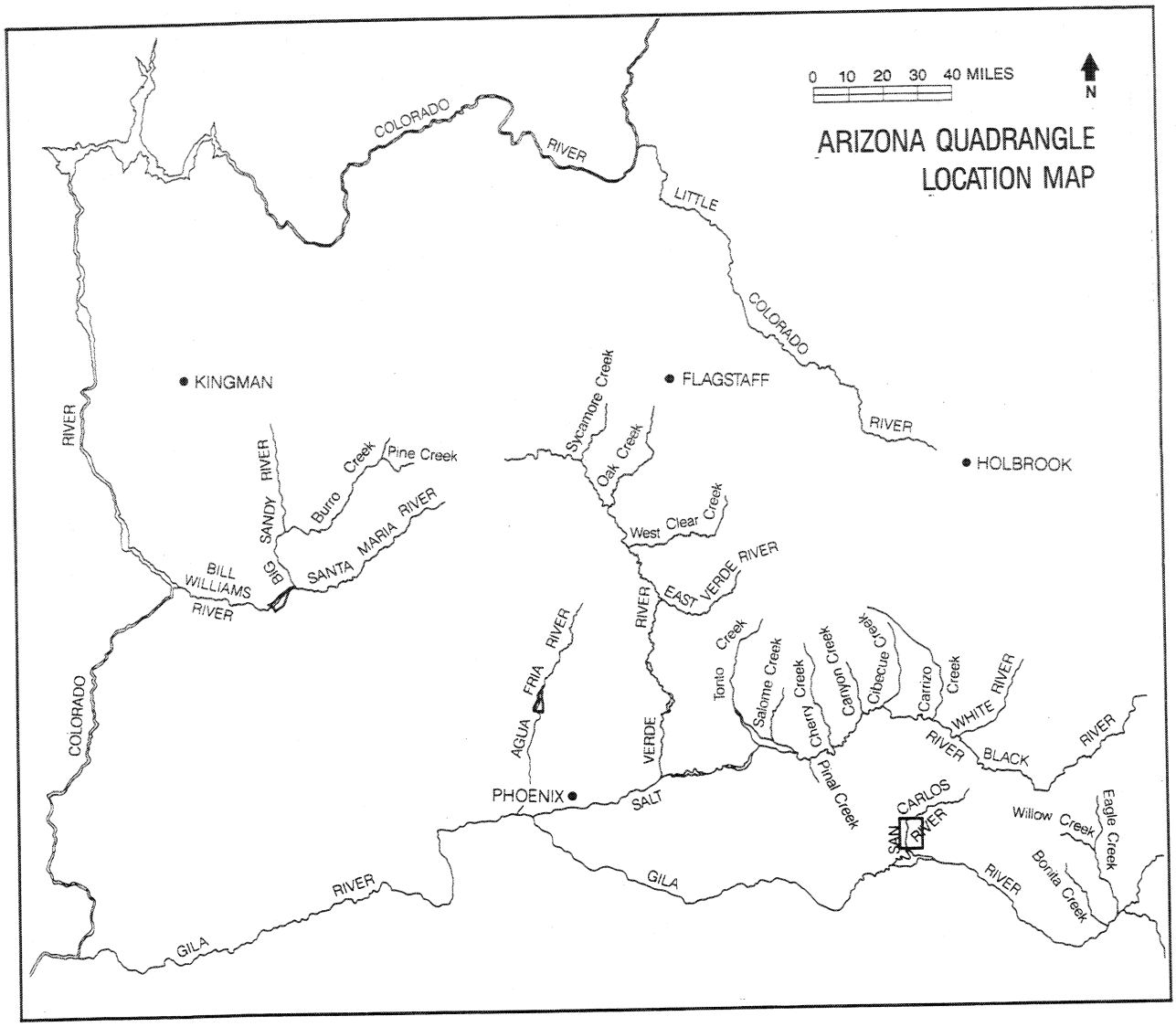
ARIZONA BALD EAGLE PROJECT

RIVER MAP ATLAS

San Carlos River

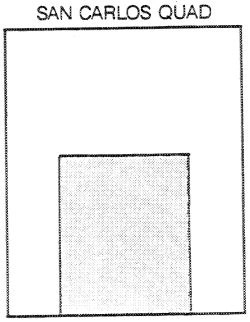
Plate; SCR 1

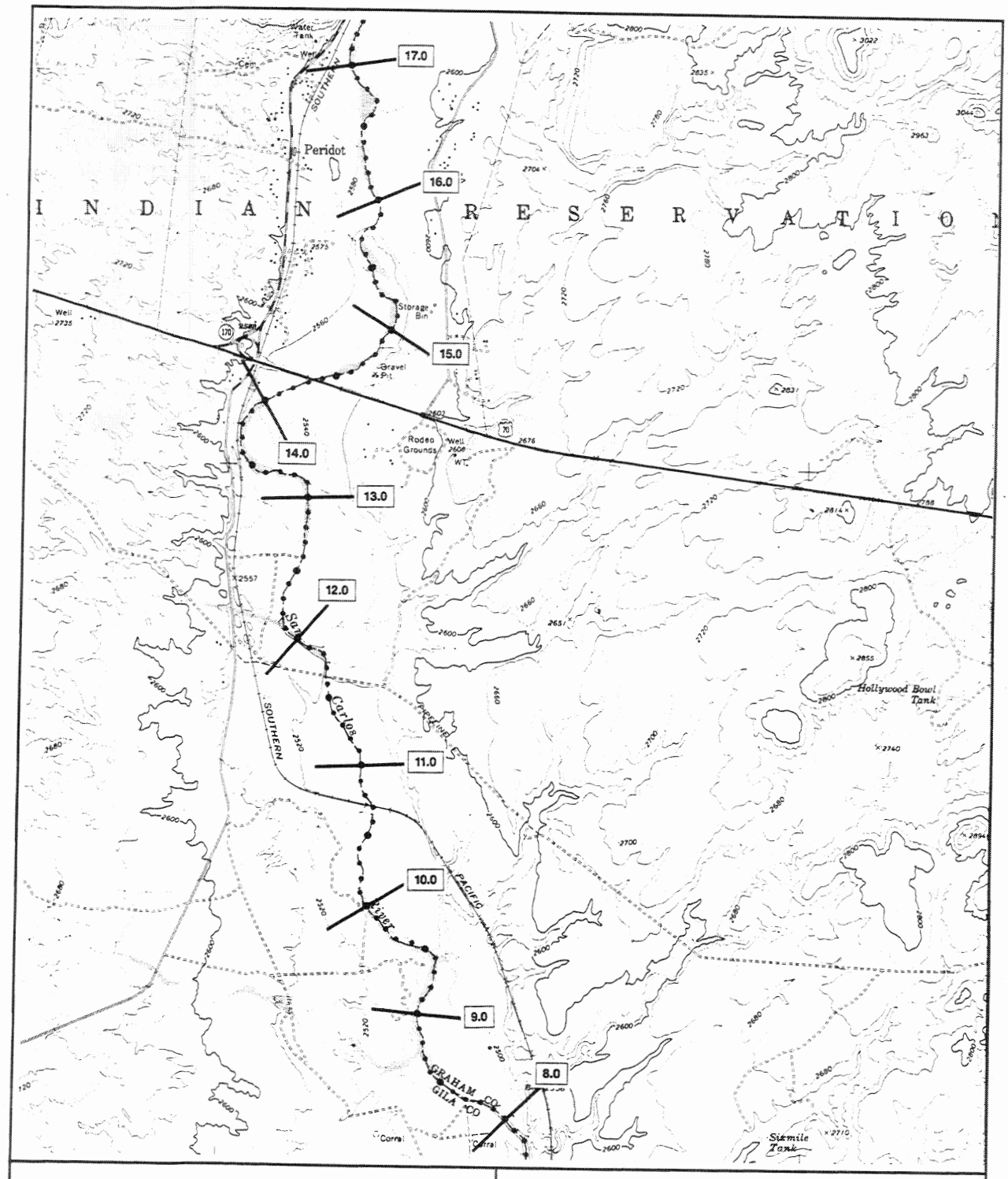
Prepared by: BioSystems Analysis, Inc.



PLATE; SCR 2

SAN CARLOS QUAD





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0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

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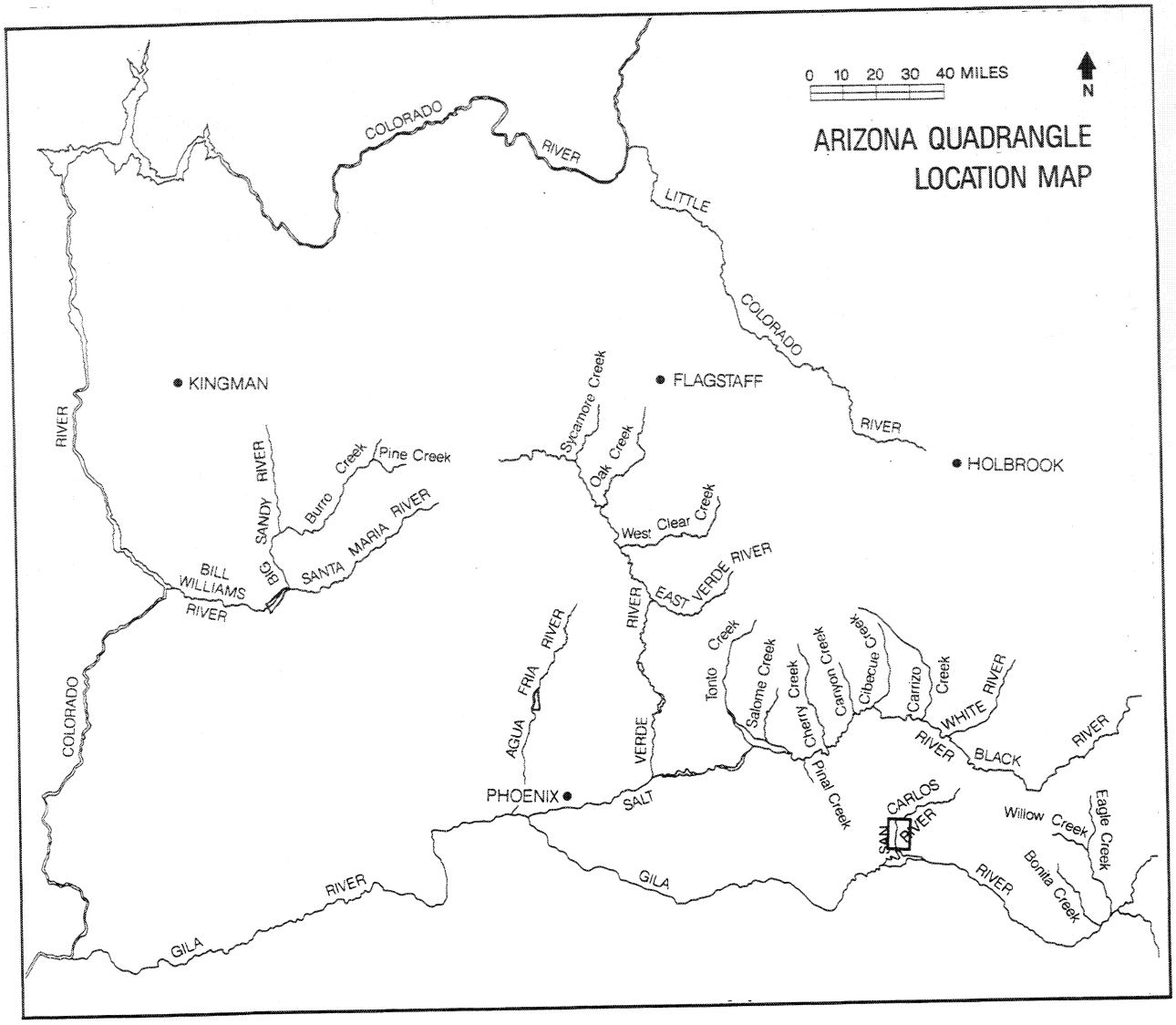
ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

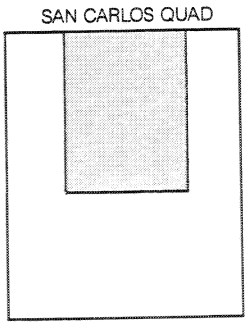
San Carlos River
Plate; SCR 2

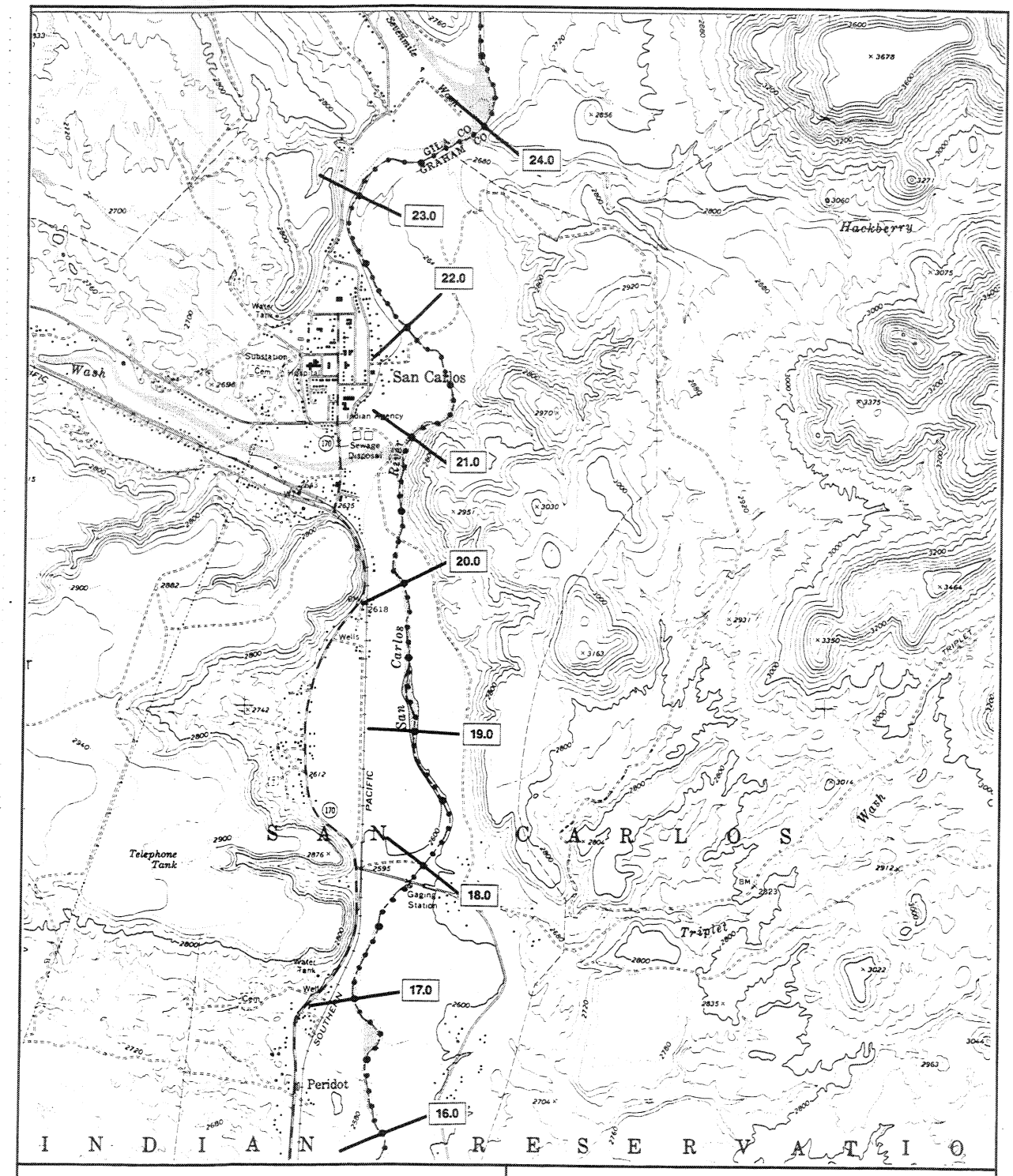
Prepared by: BioSystems Analysis, Inc.



PLATE; SCR 3

SAN CARLOS QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

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ARIZONA
BALD EAGLE PROJECT

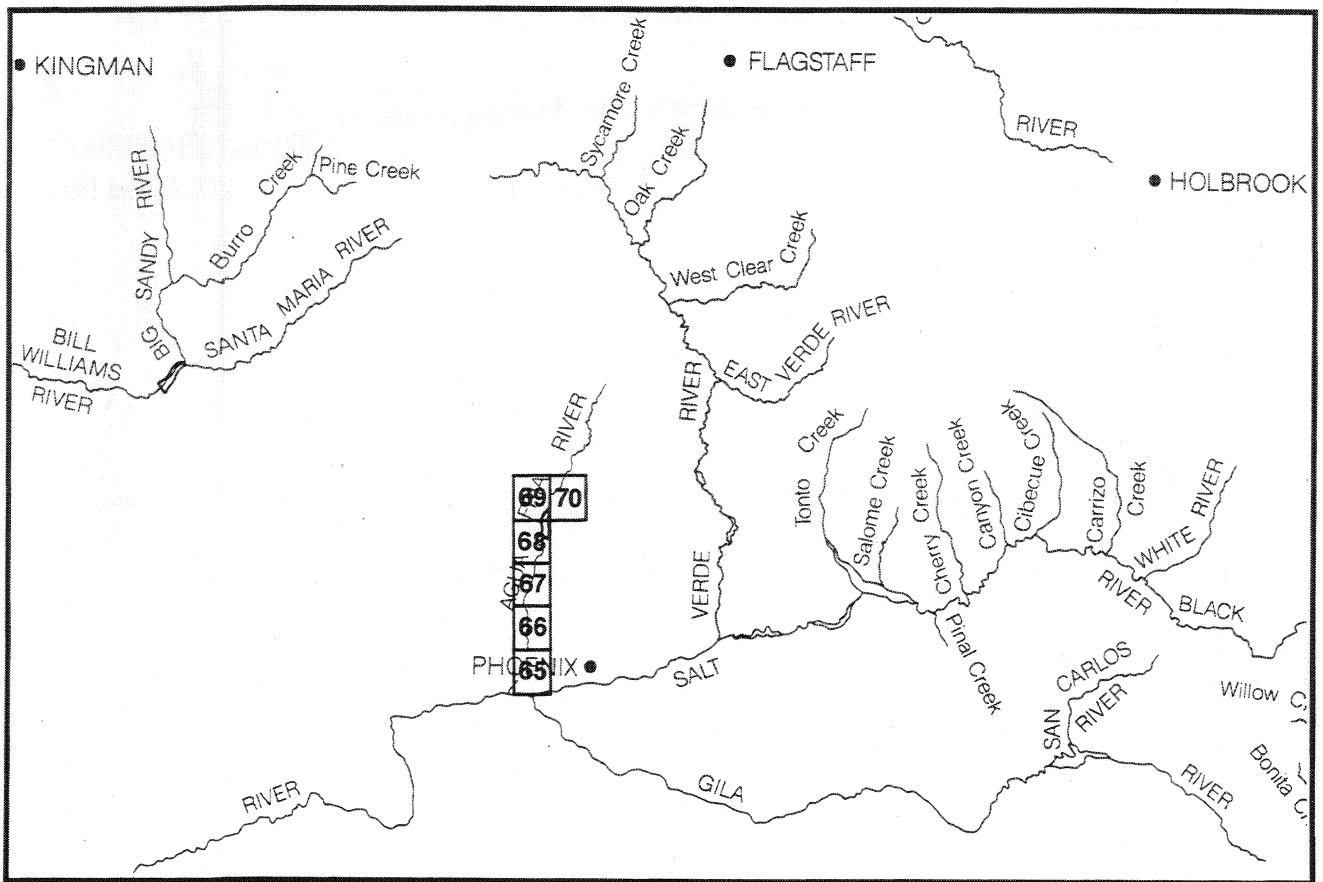
RIVER MAP ATLAS

San Carlos River
Plate; SCR 3

Prepared by: BioSystems Analysis, Inc.

AGUA FRIA RIVER

KILOMETER 0.0-83.3



LEGEND

AFR = AGUA FRIA RIVER

MILES

0 10 20 30

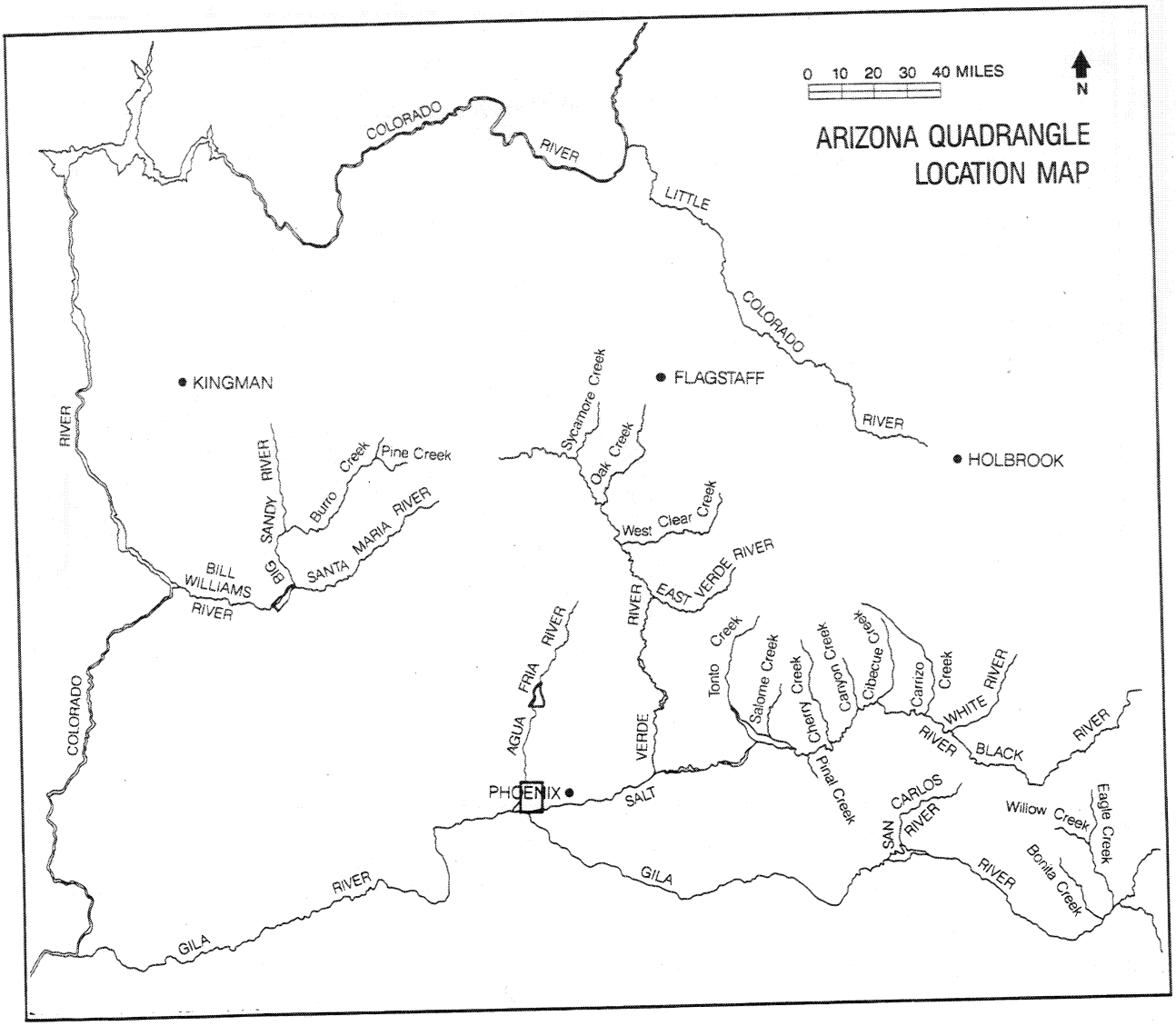
N

INDEX TO ARIZONA QUADRANGLES COVERING THE AGUA FRIA RIVER

65:	Tolleson Quadrangle	; 7½′;	PLATE AFR 1, AFR 2
66:	El Mirage Quadrangle	; 7½′;	PLATE AFR 2, AFR 3, AFR 4
67:	Calderwood Butte Quadrangle	; 7½′;	PLATE AFR 4, AFR 5, AFR 6
68:	Baldy Mtn. Quadrangle	; 7½′;	PLATE AFR 6, AFR 7, AFR 8
69:	Governors Peak Quadrangle	; 7½′;	PLATE AFR 8
70:	New River Quadrangle	; 7½′;	PLATE AFR 9, AFR 10

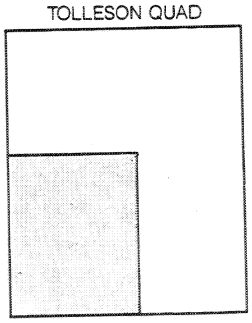
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

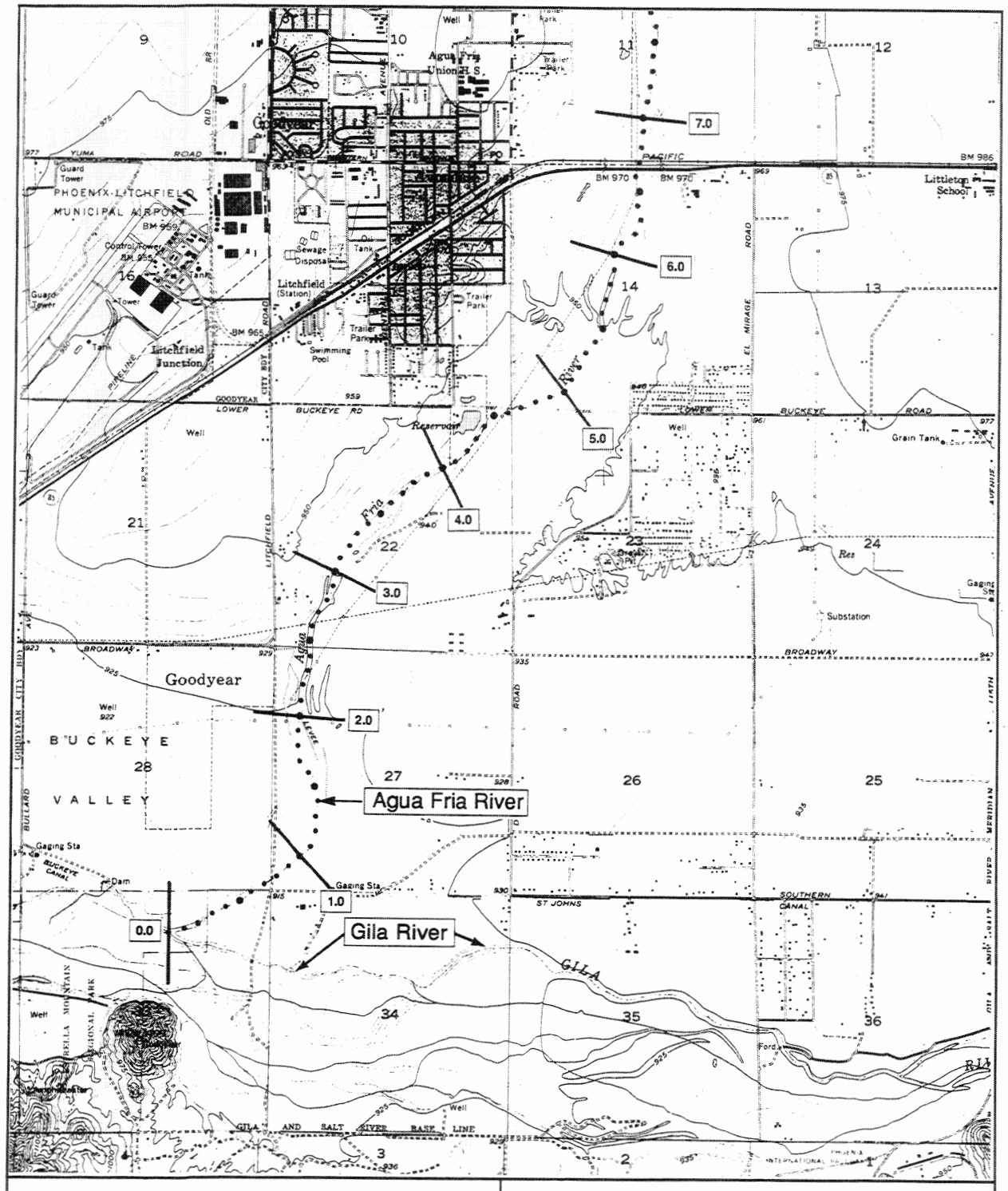
Prepared by: BioSystems Analysis, Inc.



PLATE; AFR 1

TOLLESON QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

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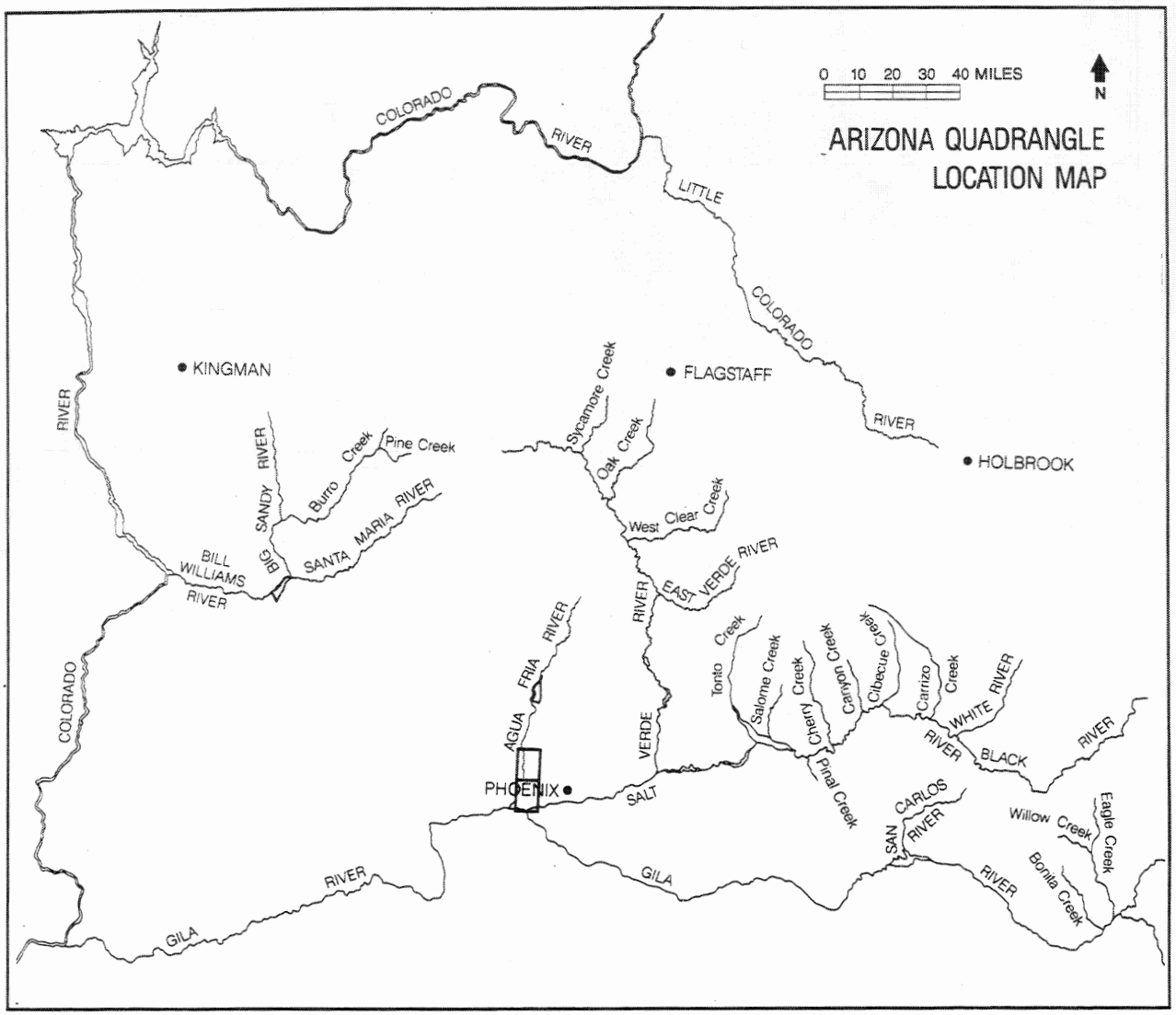
ARIZONA
BALD EAGLE PROJECT

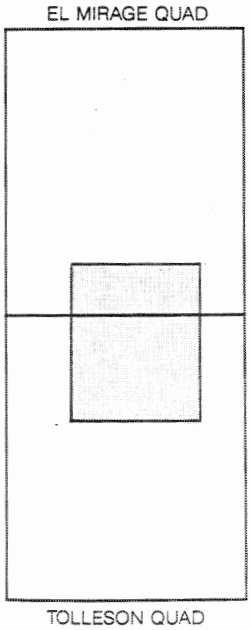
RIVER MAP ATLAS

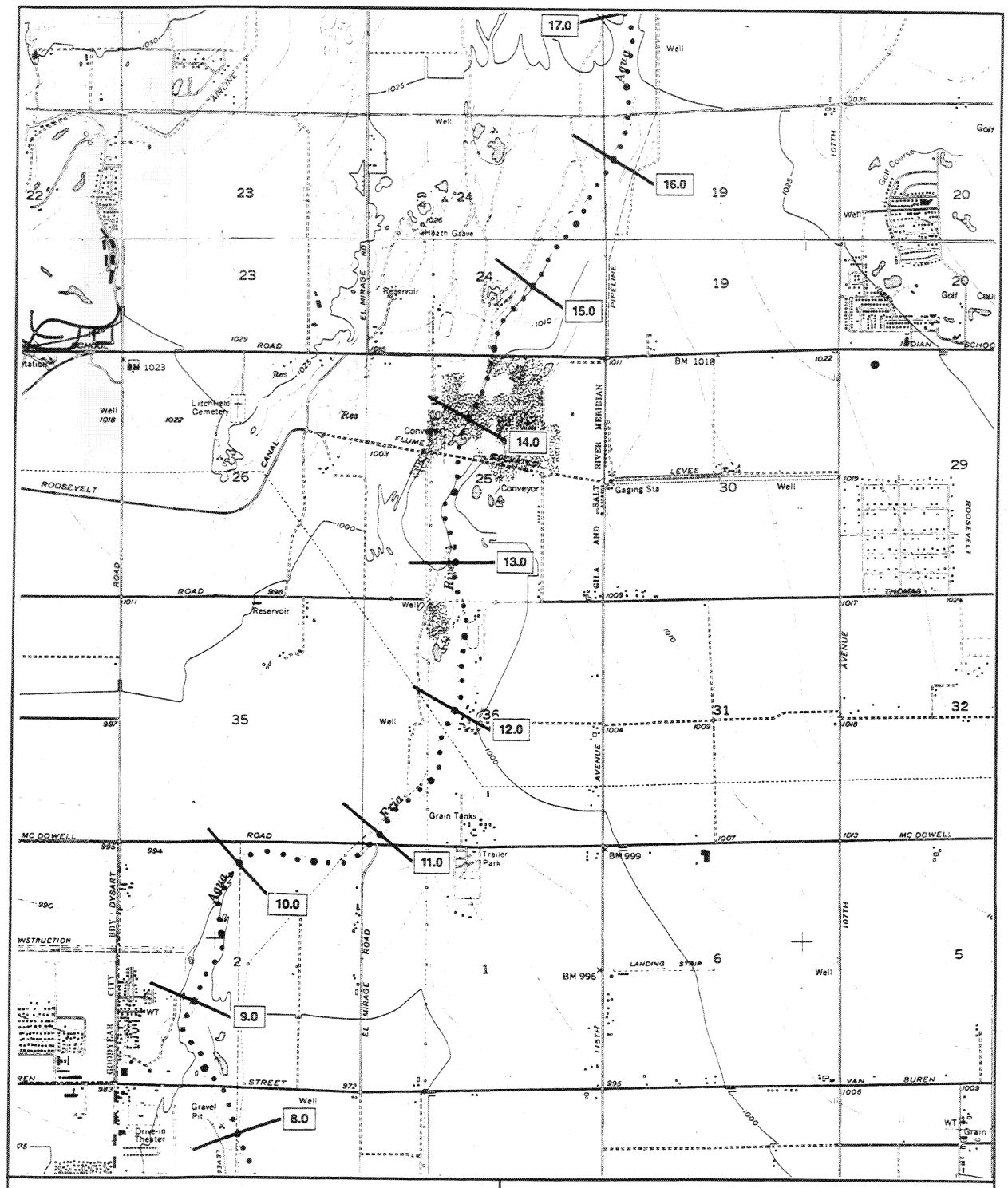
Agua Fria River
Plate; AFR 1

Prepared by: BioSystems Analysis, Inc.


ARIZONA QUADRANGLE
LOCATION MAP
0 10 20 30 40 MILES
N
KINGMAN
FLAGSTAFF
HOLBROOK
PHOENIX
COLORADO RIVER
LITTLE COLORADO RIVER
BILL WILLIAMS RIVER
BIG SANDY RIVER
Burro Creek
Pine Creek
SANTA MARIA RIVER
Sycamore Creek
Oak Creek
West Clear Creek
EAST VERDE RIVER
VERDE RIVER
AGUA FRIA RIVER
SALT RIVER
GILA RIVER
Tonto Creek
Salome Creek
Cherry Creek
Canyon Creek
Cibecue Creek
Carrizo Creek
WHITE RIVER
BLACK RIVER
Pinal Creek
SAN CARLOS RIVER
Willow Creek
Eagle Creek
Bonita Creek

PLATE; AFR 2


EL MIRAGE QUAD
TOLLESON QUAD



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0.5 KILOMETER

1.0 KILOMETER

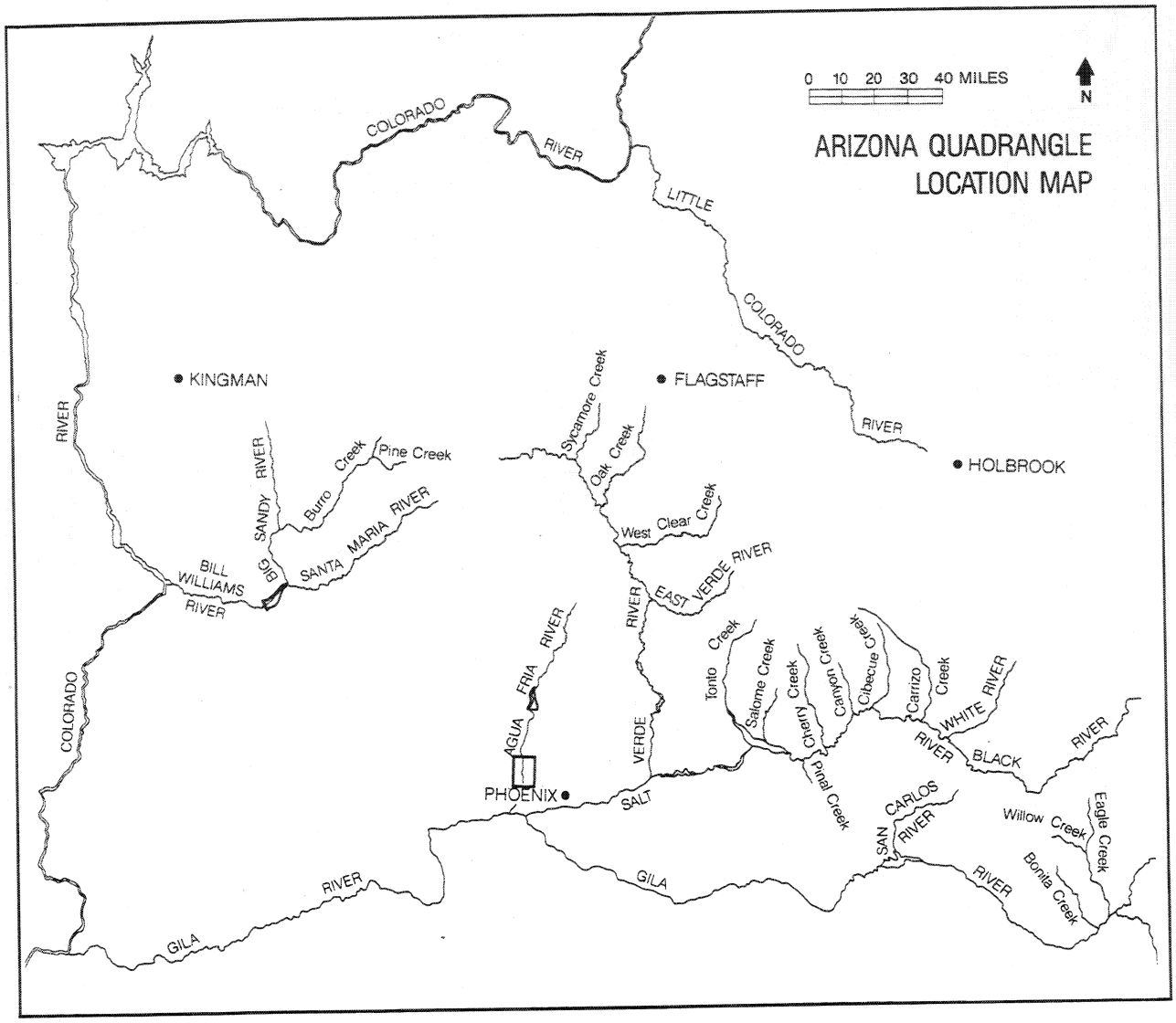
0 ½ 1 MILE

0 .5 1 KILOMETER

ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

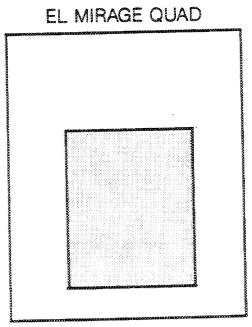
Agua Fria River
Plate; AFR 2

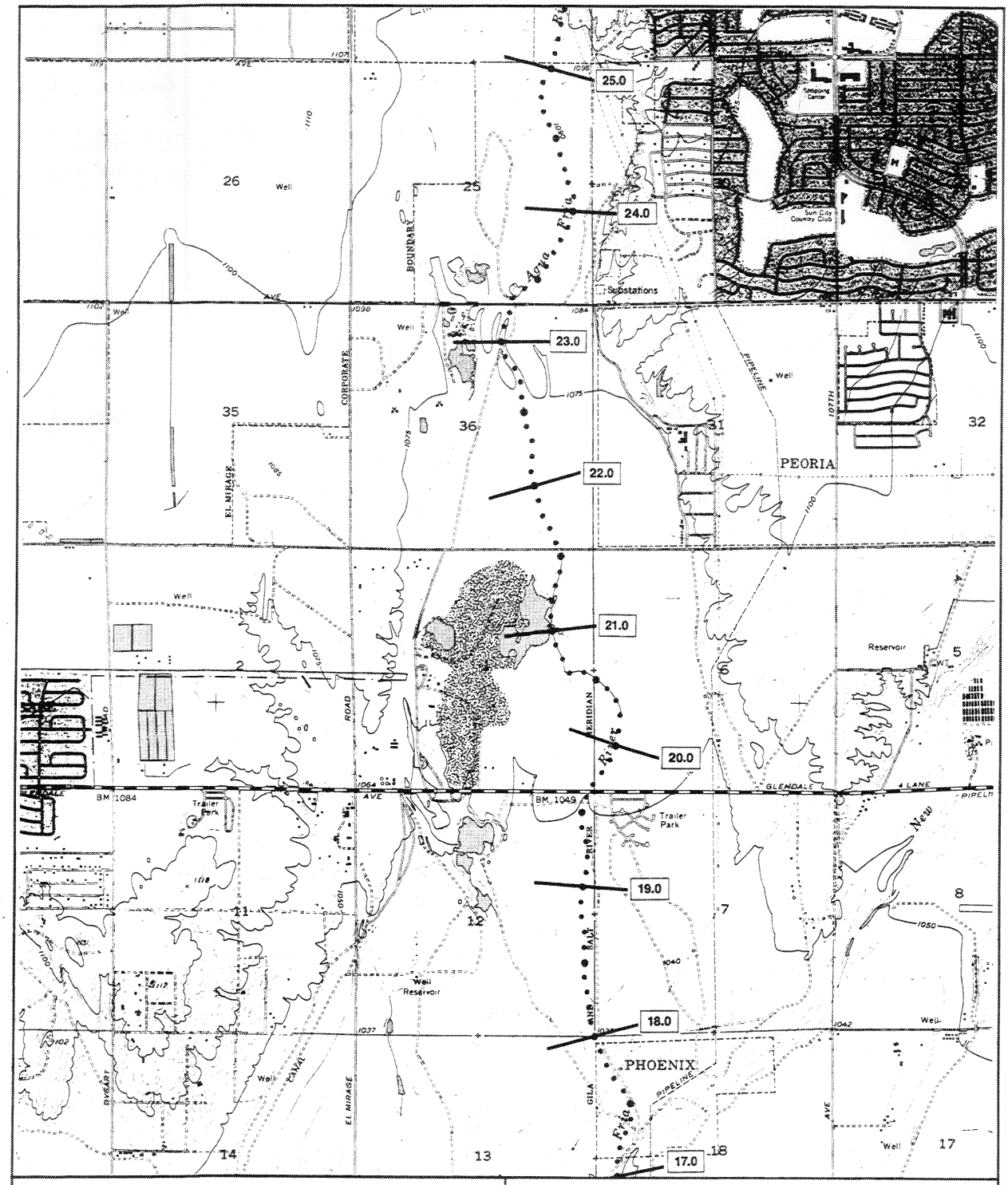
Prepared by: BioSystems Analysis, Inc.



PLATE; AFR 3

EL MIRAGE QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

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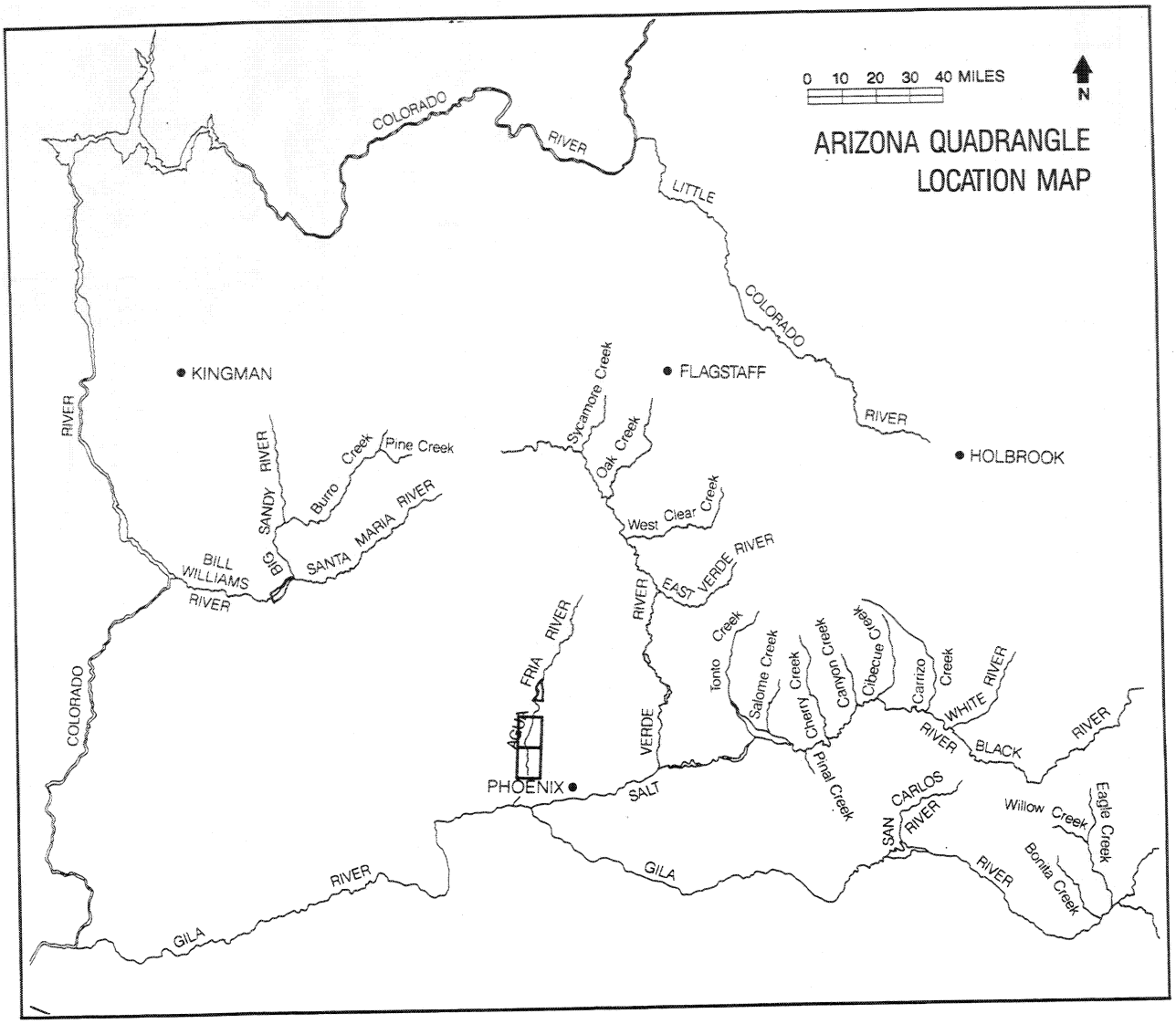
ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

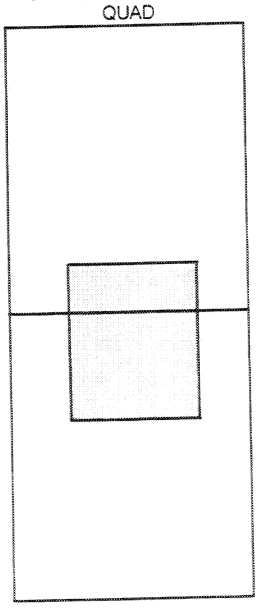
Agua Fria River
Plate; AFR 3

Prepared by: BioSystems Analysis, Inc.



PLATE; AFR 4

CALDERWOOD BUTTE QUAD



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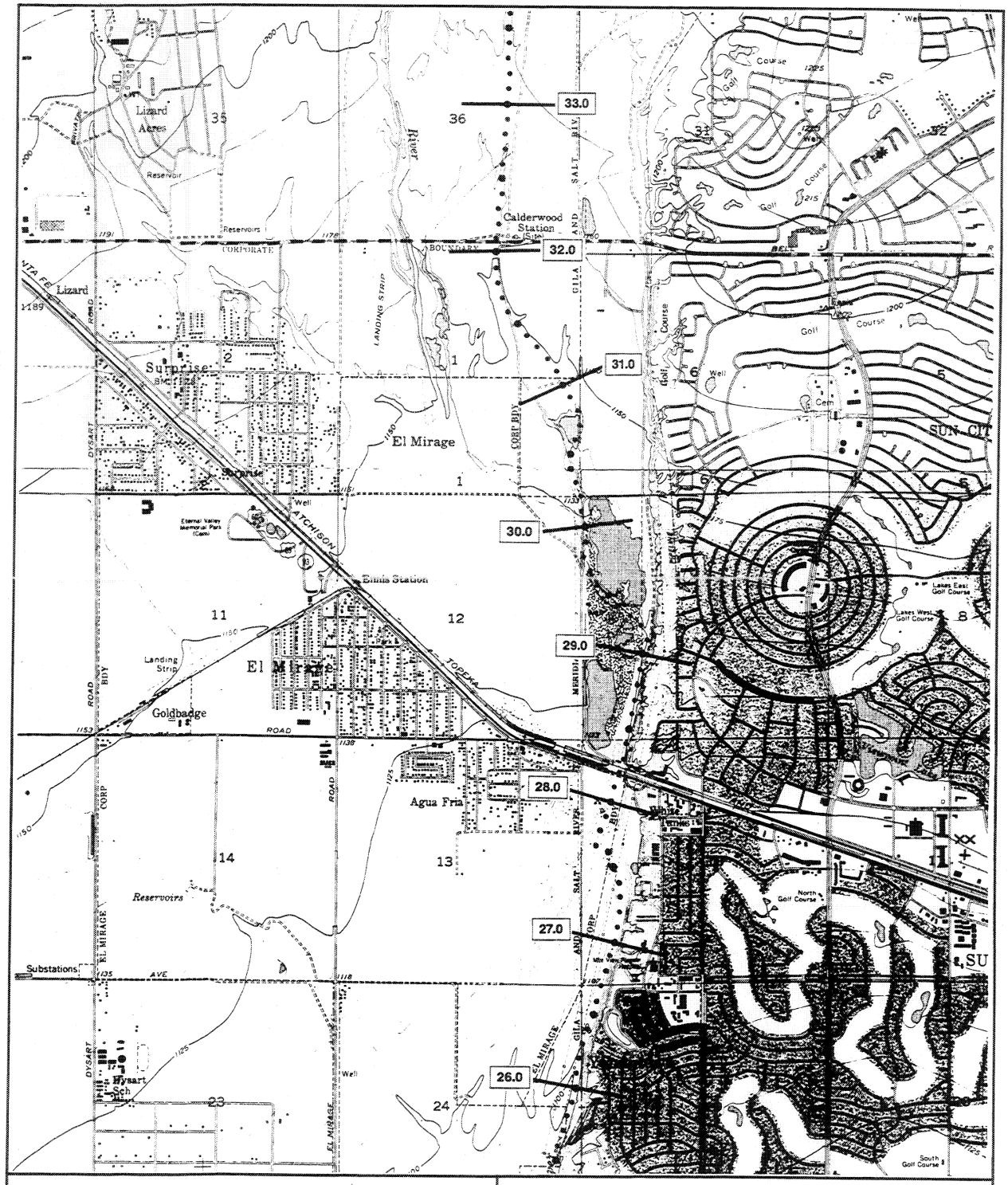

0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

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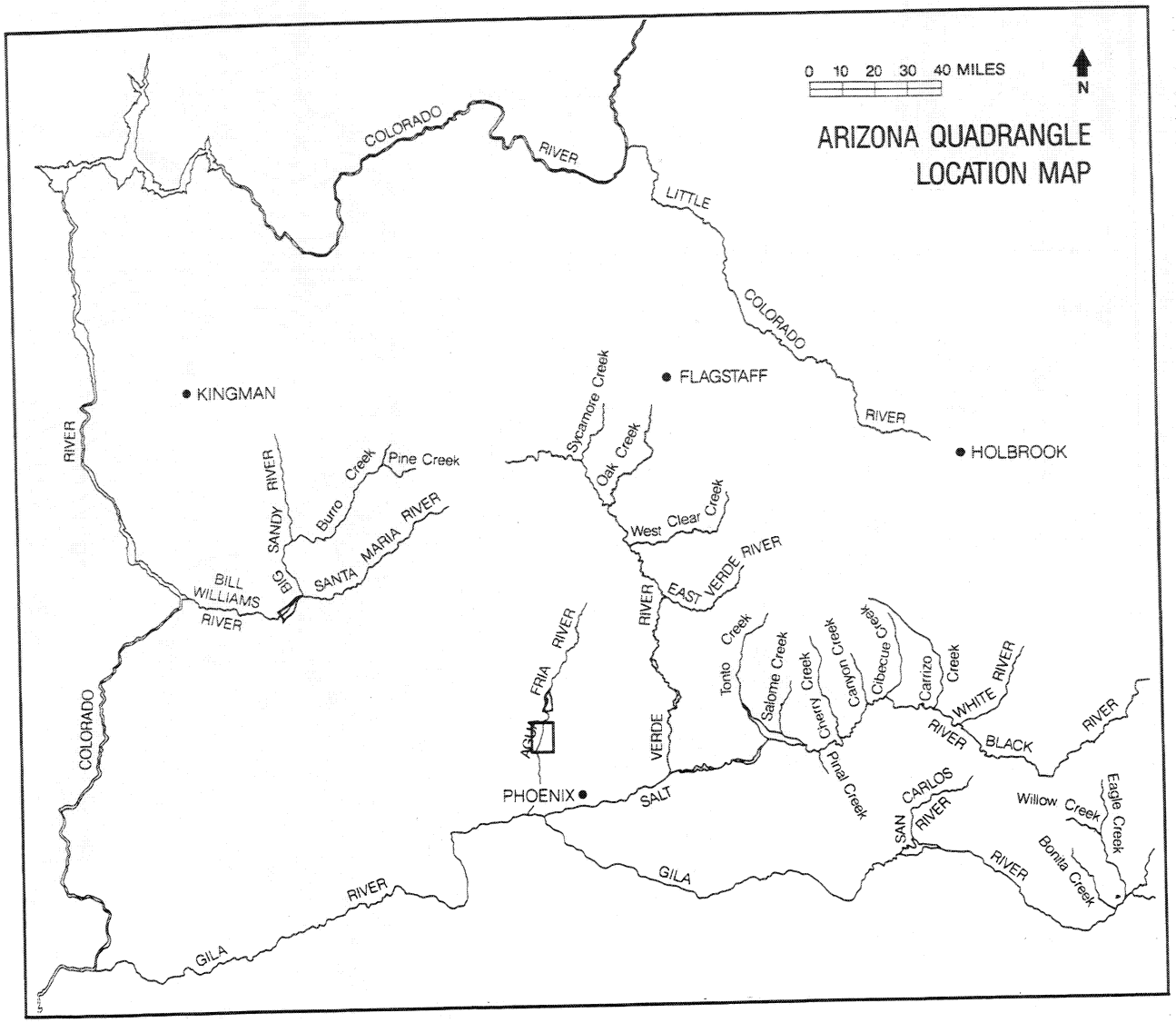
ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

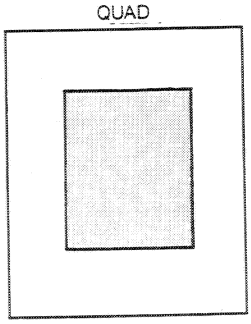
Agua Fria River
Plate; AFR 4

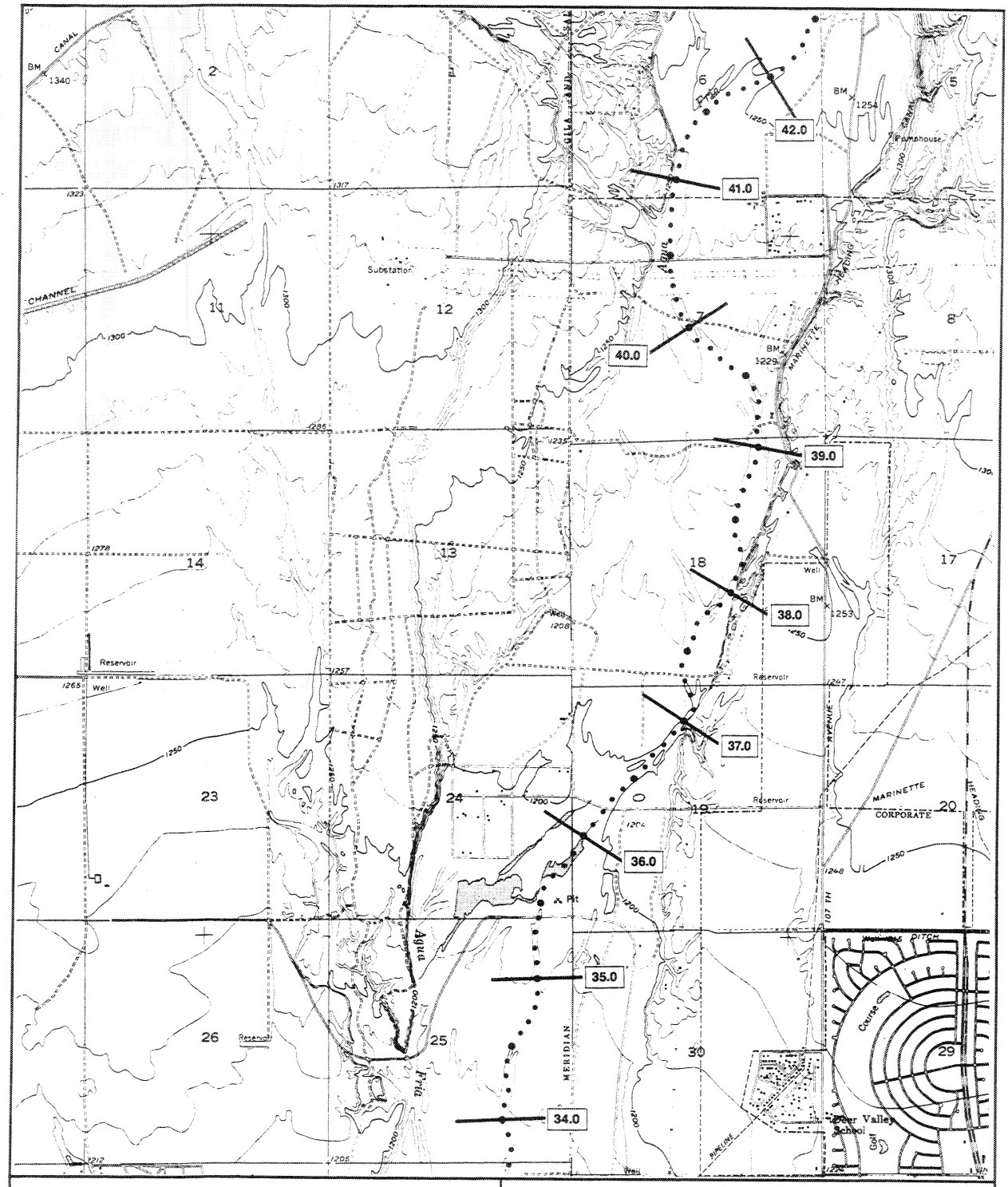
Prepared by: BioSystems Analysis, Inc.



PLATE; AFR 5

CALDERWOOD BUTTE QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

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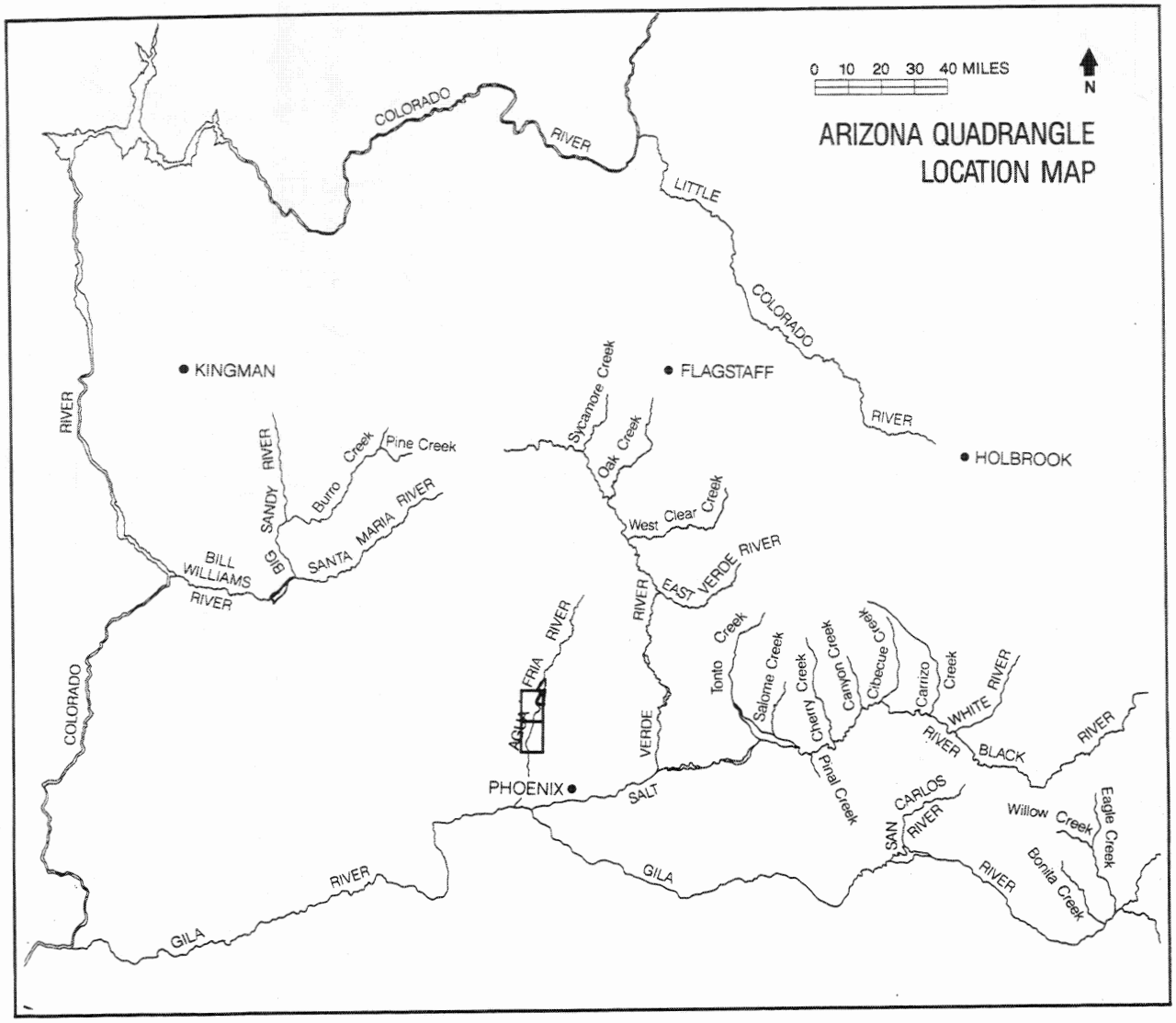
ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

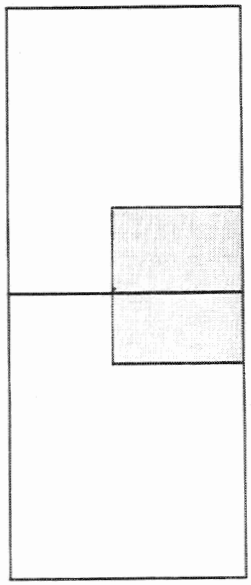
Agua Fria River
Plate; AFR 5

Prepared by: BioSystems Analysis, Inc.

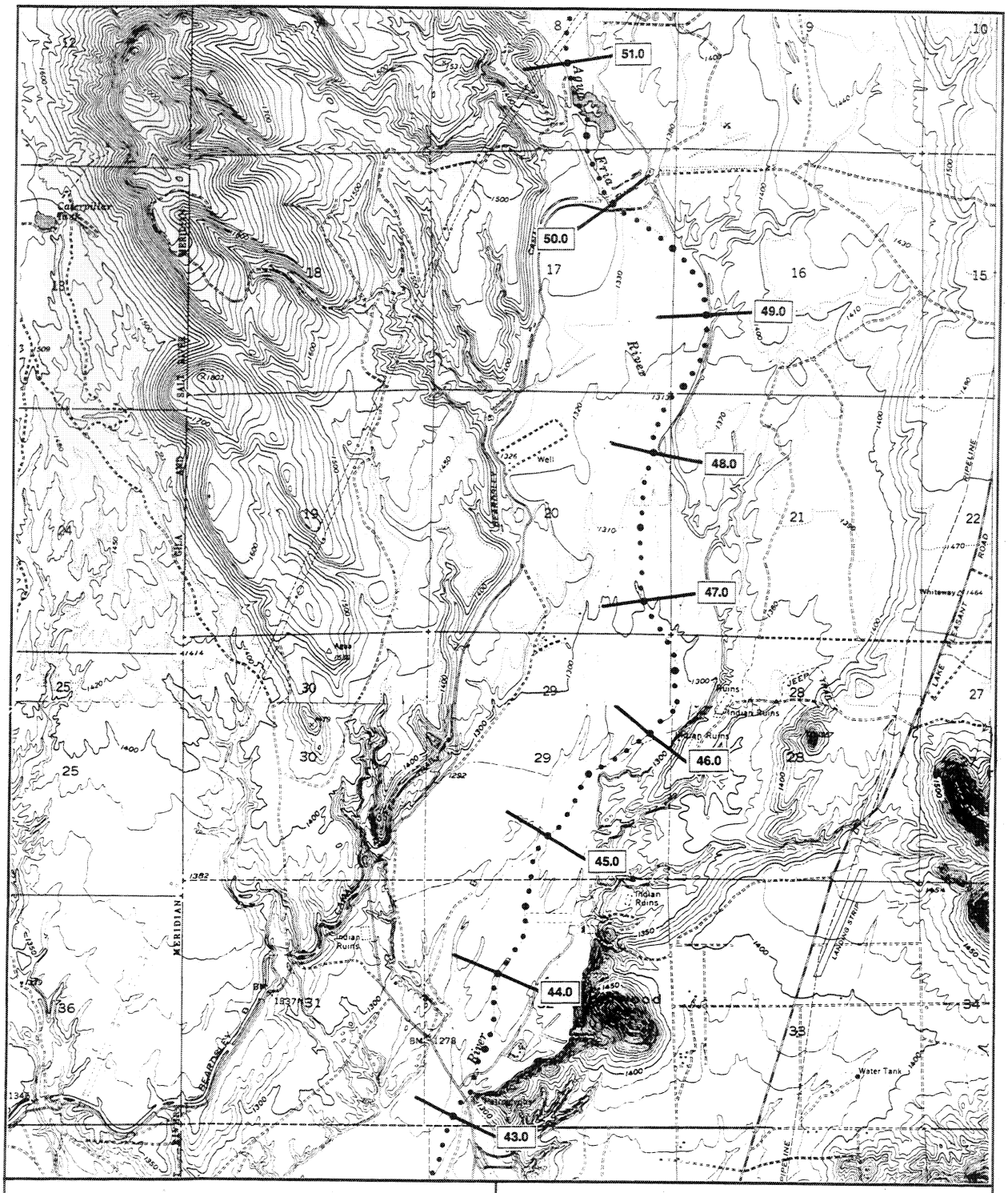


PLATE; AFR 6

BALDY MTN. QUAD



CALDERWOOD BUTTE QUAD



0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

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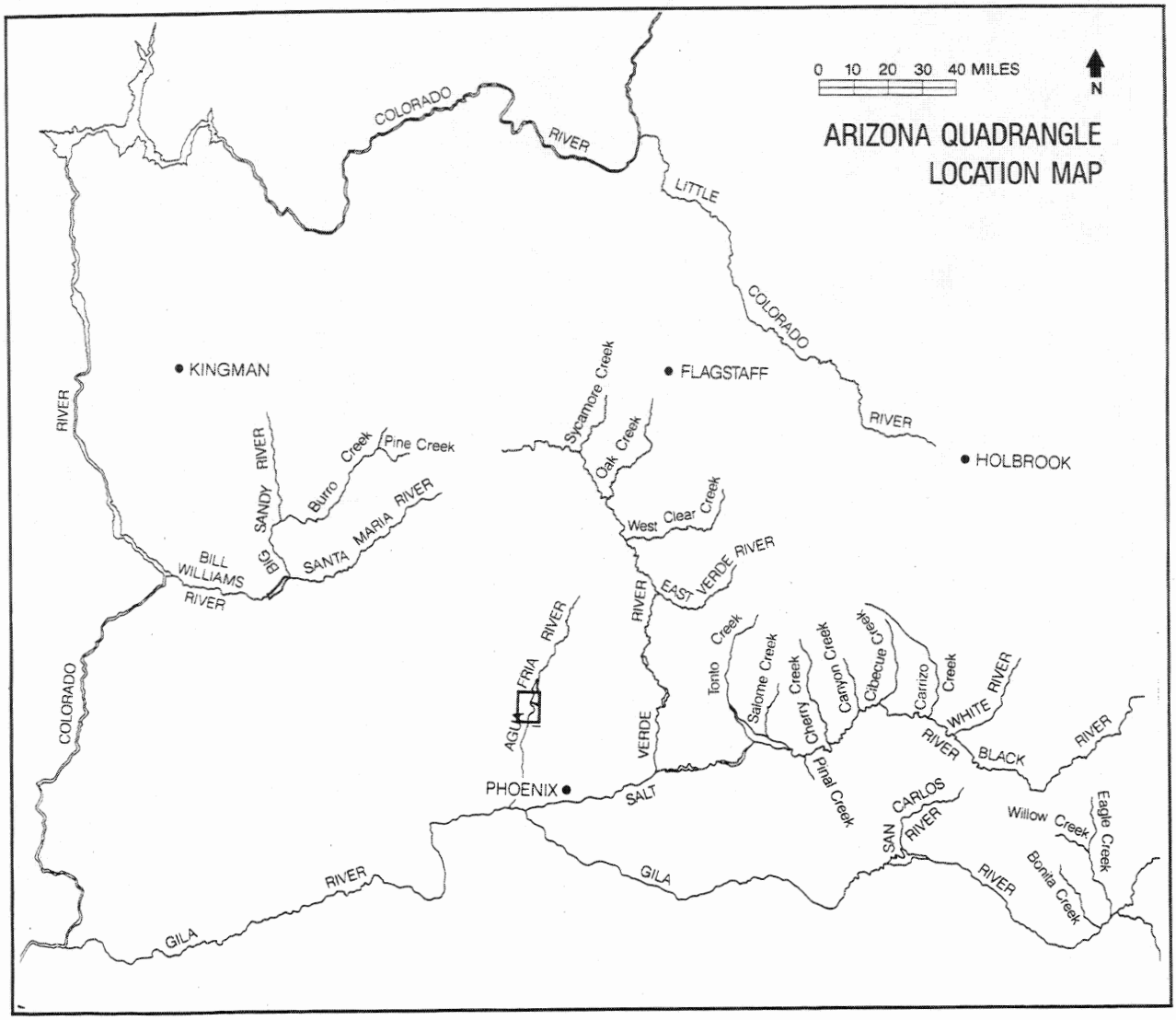
ARIZONA
BALD EAGLE PROJECT
RIVER MAP ATLAS

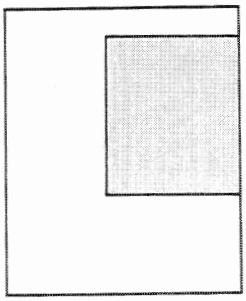
Agua Fria River
Plate; AFR 6

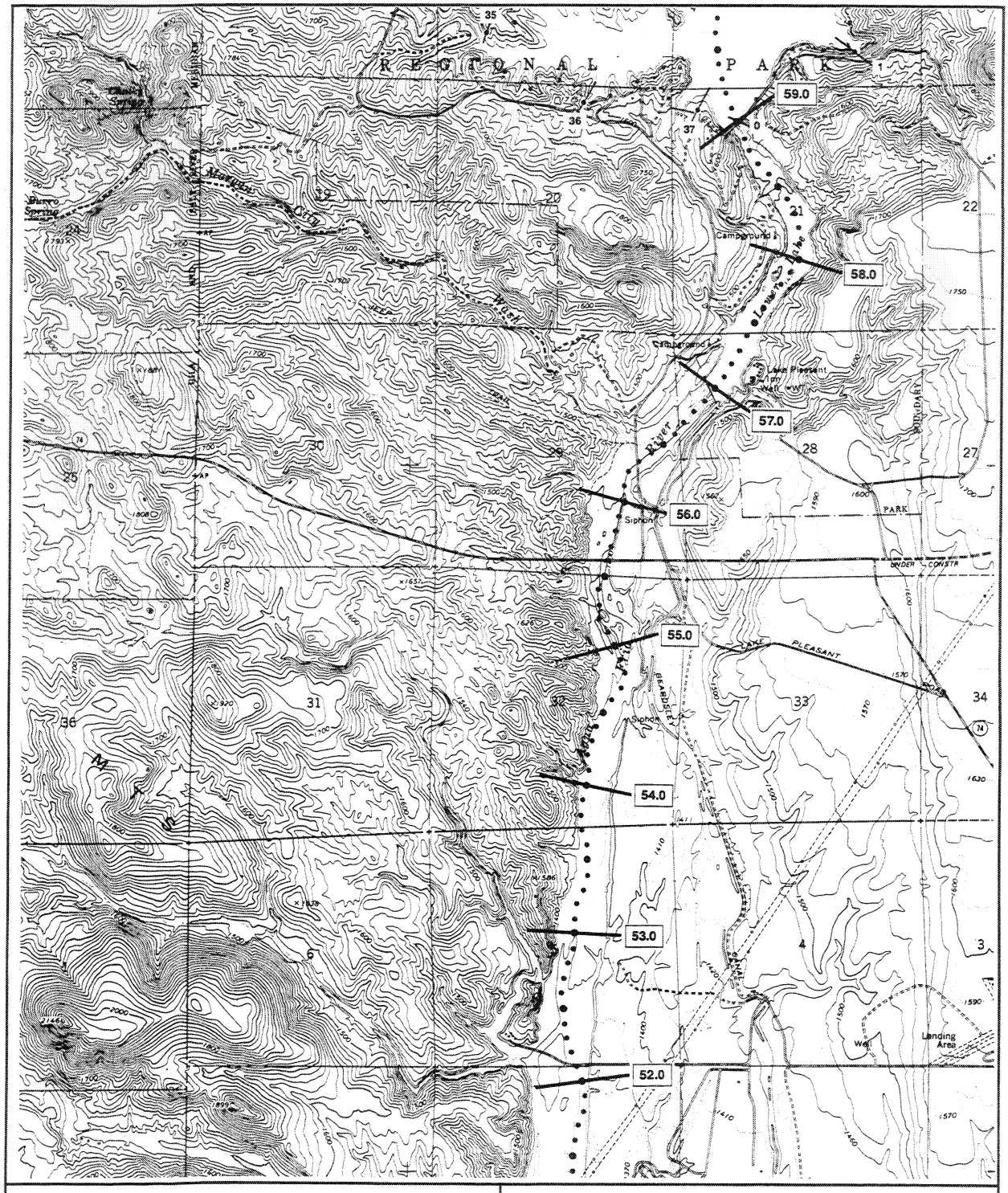
Prepared by: BioSystems Analysis, Inc.



PLATE; AFR 7

BALDY MTN. QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

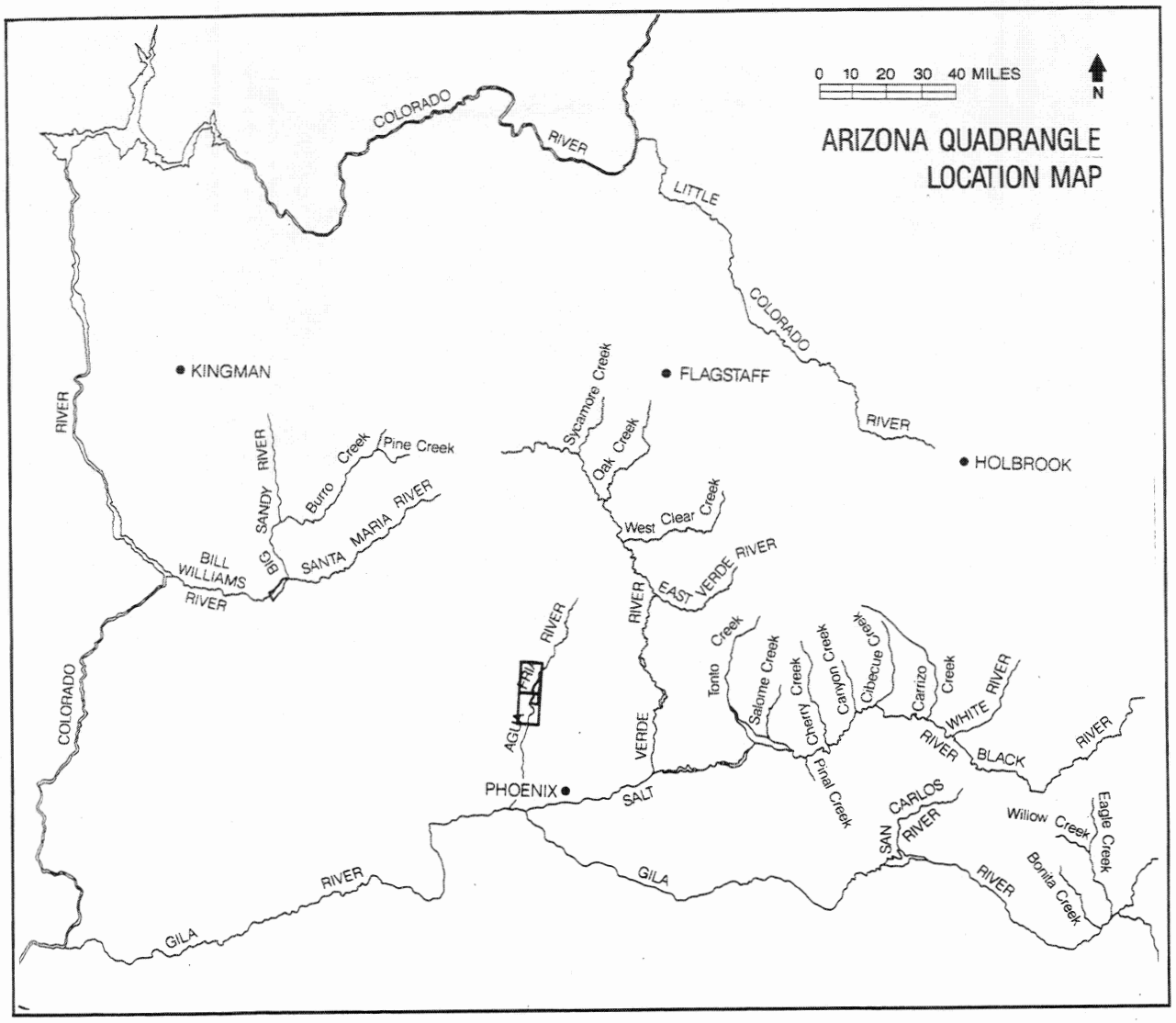
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

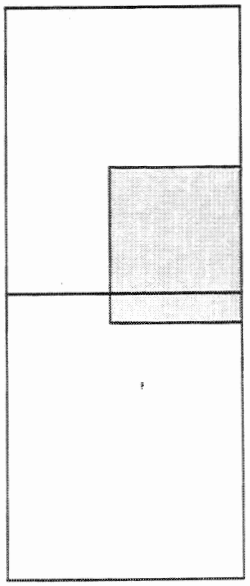
Agua Fria River
Plate; AFR 7

Prepared by: BioSystems Analysis, Inc.



PLATE; AFR 8

GOVERNORS PEAK QUAD



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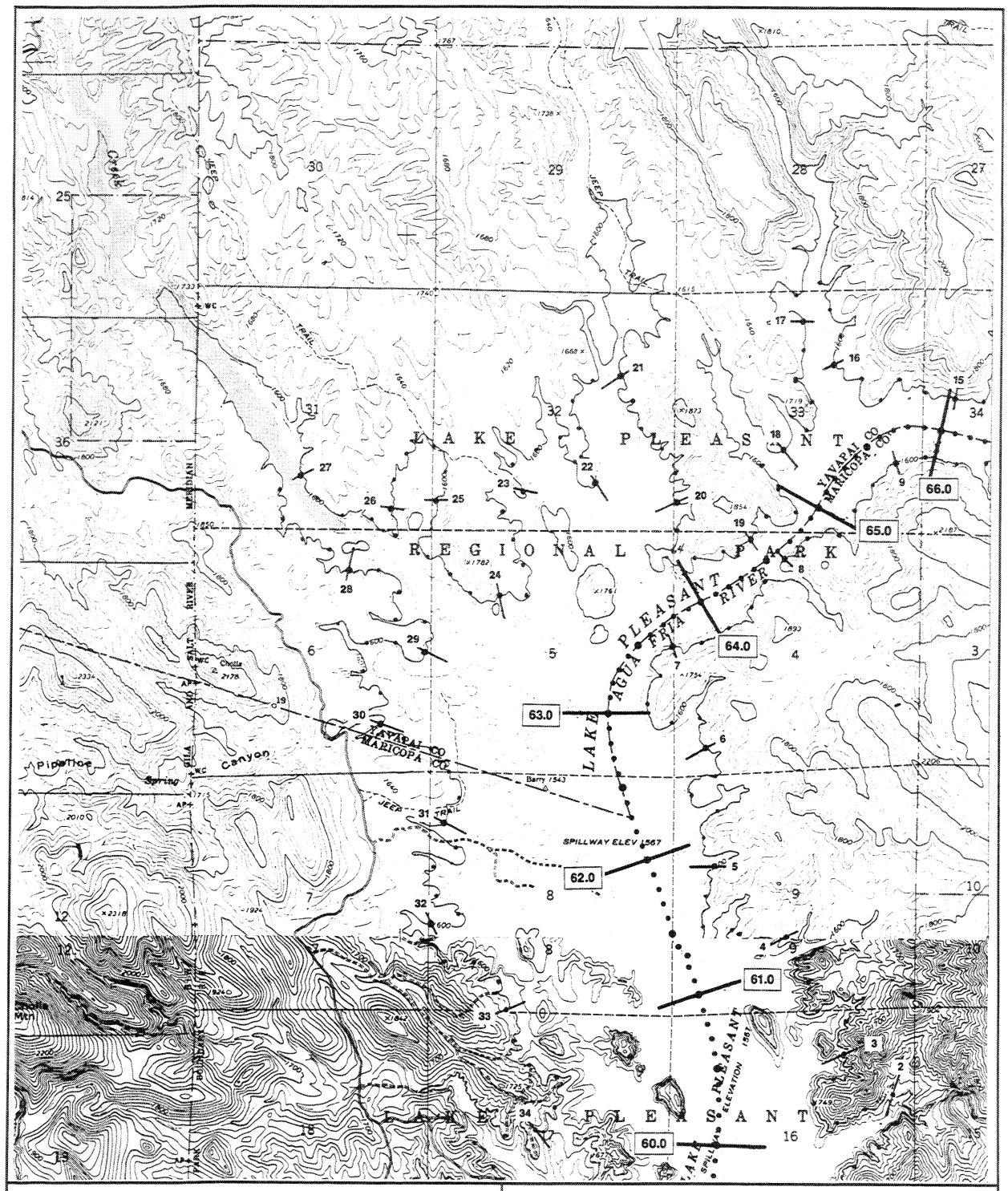


0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

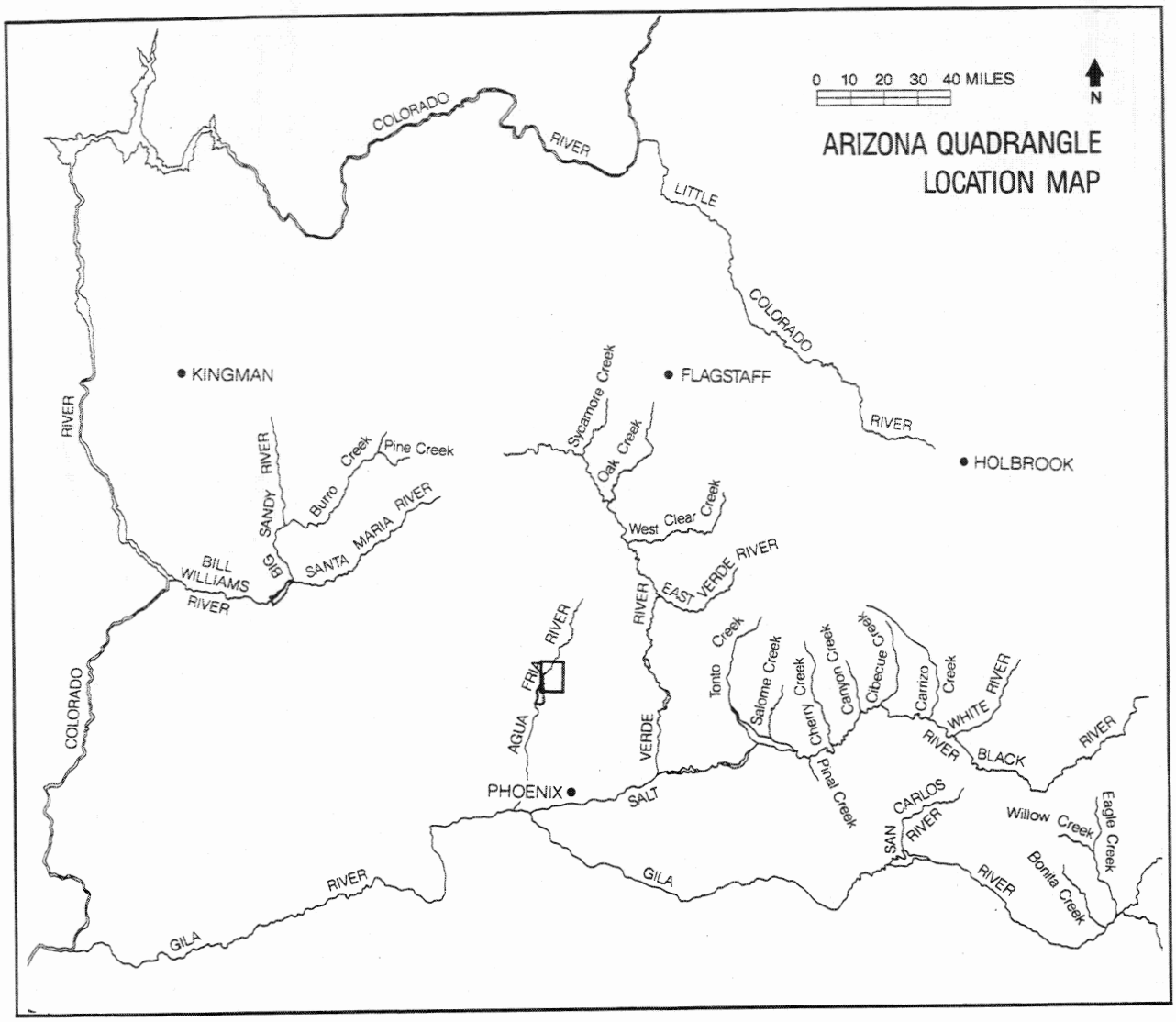
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

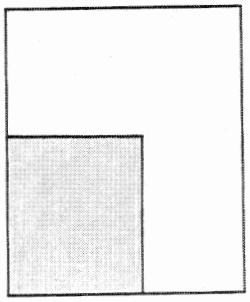
Agua Fria River
Plate; AFR 8

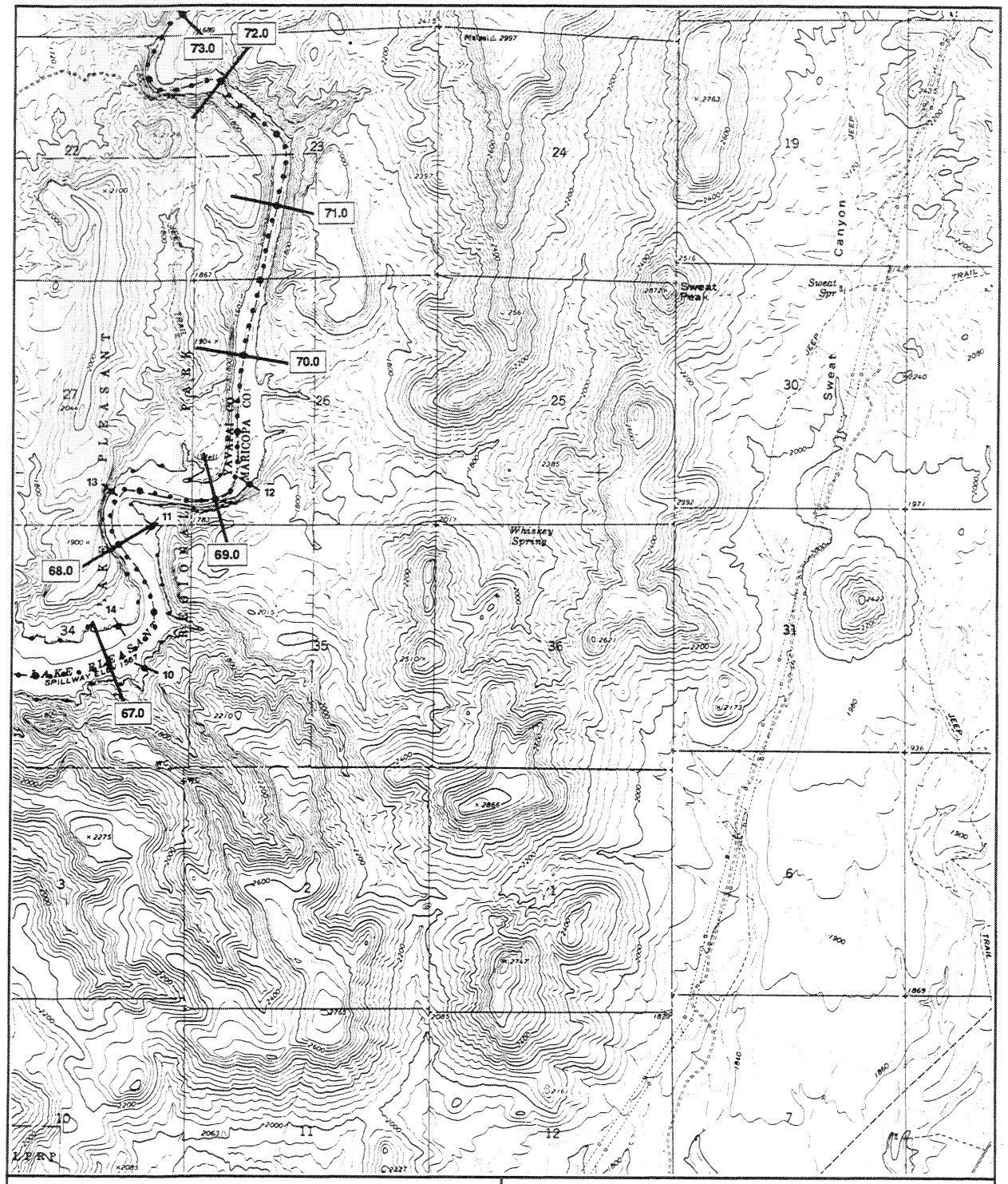
Prepared by: BioSystems Analysis, Inc.



PLATE; AFR 9

NEW RIVER QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

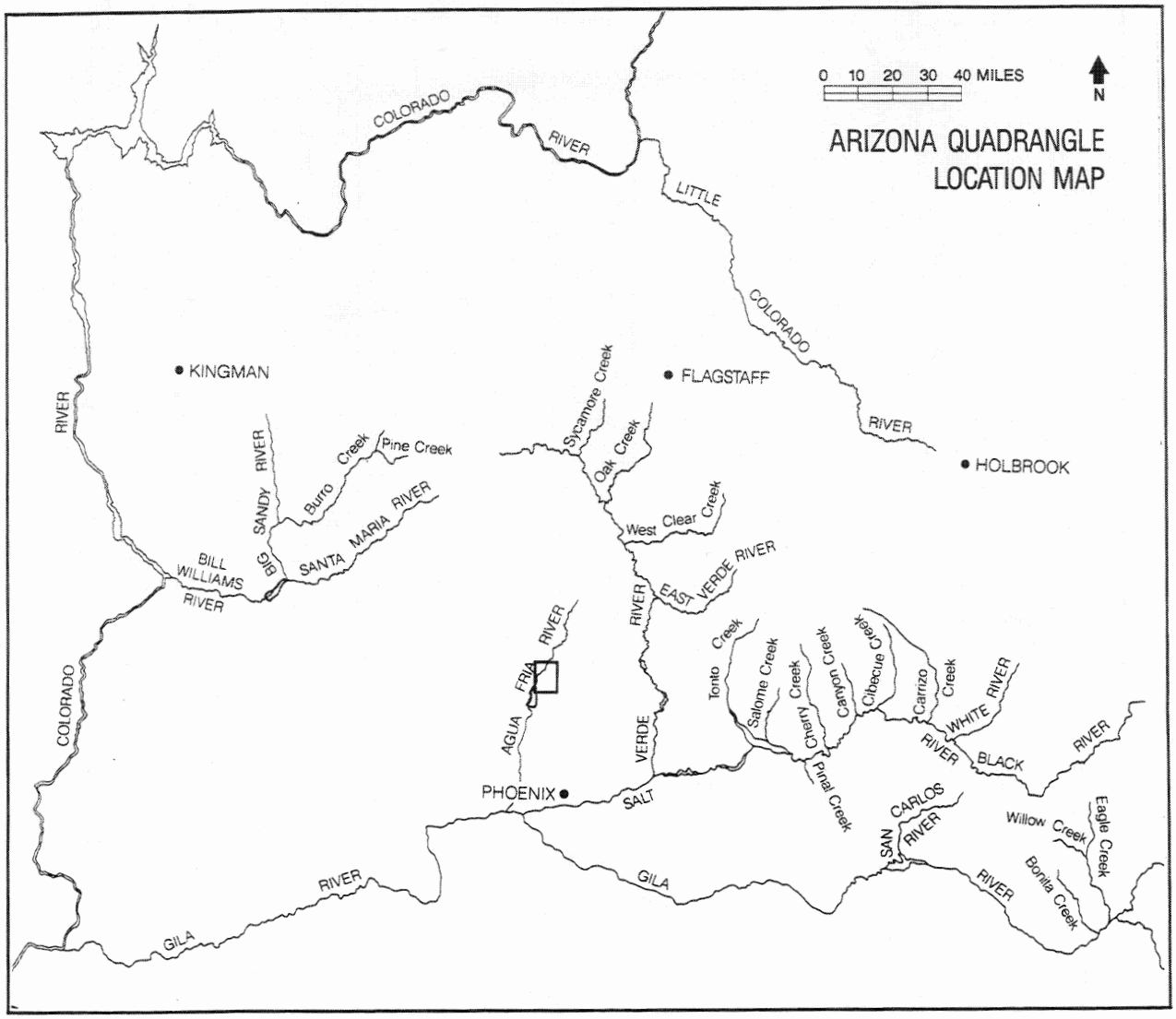
N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

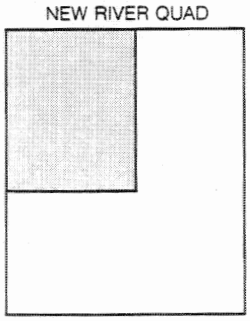
Agua Fria River
Plate; AFR 9

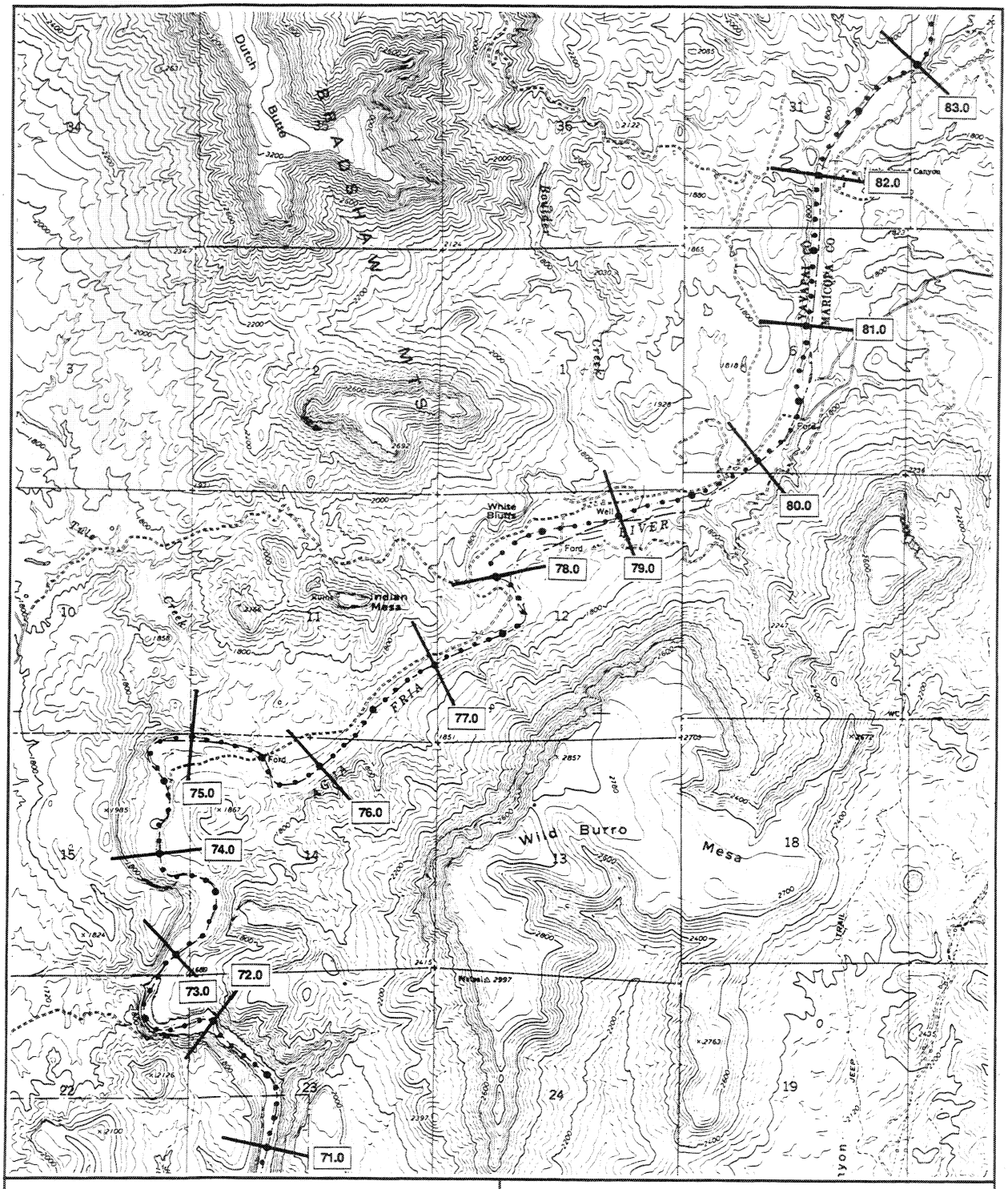
Prepared by: BioSystems Analysis, Inc.



PLATE; AFR 10

NEW RIVER QUAD





0.1 KILOMETER

0.5 KILOMETER

1.0 KILOMETER

0 ½ 1 MILE

0 .5 1 KILOMETER

N

ARIZONA
BALD EAGLE PROJECT

RIVER MAP ATLAS

Agua Fria River
Plate; AFR 10

Prepared by: BioSystems Analysis, Inc.