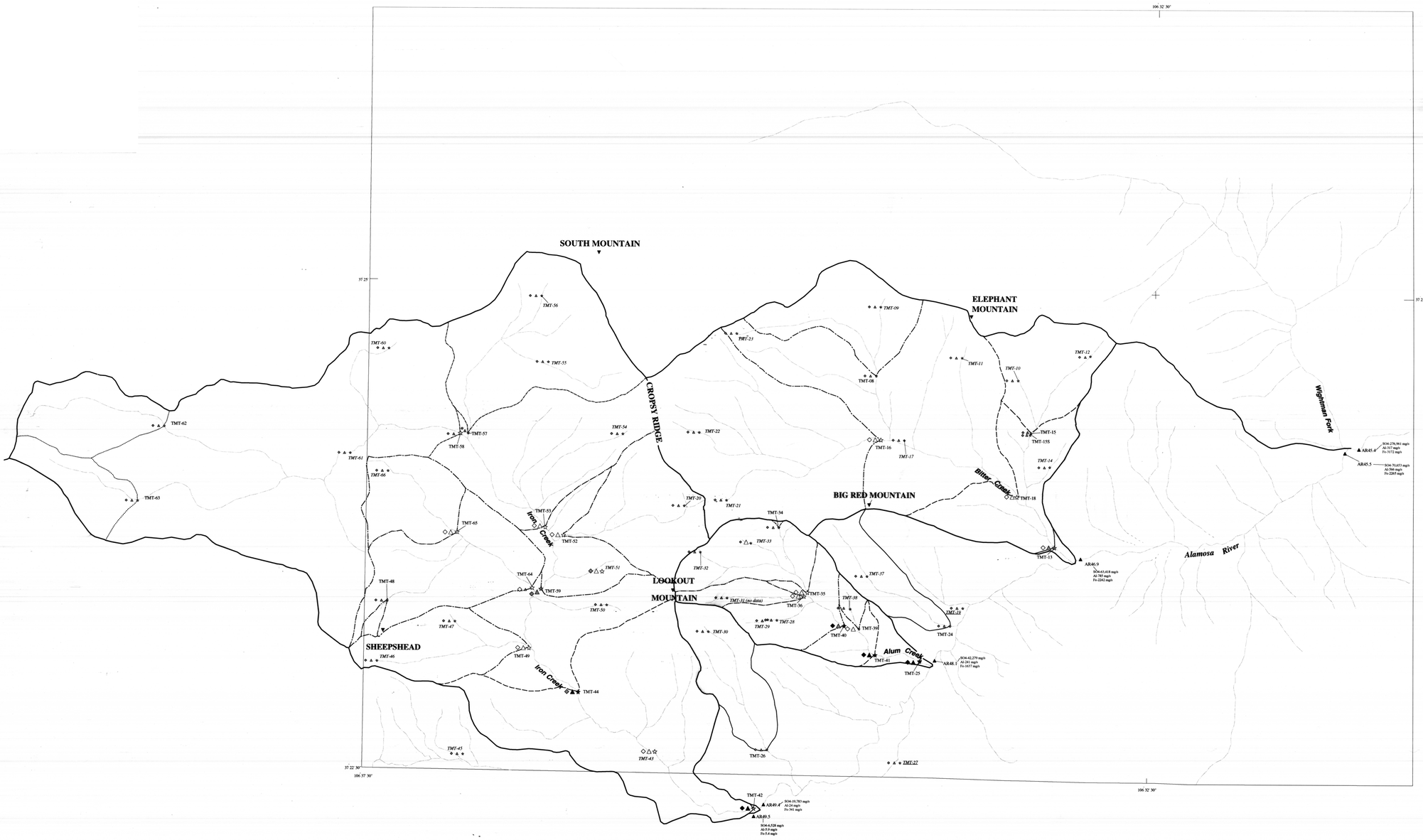

STREAM AND SPRING LOADING DATA (THIS STUDY)

Dissolved SO4 mg/s

★17000 to 32500-- >95th percentile
☆ 440 to 17000-- 90 to 95th percentile
☆ 220 to 4400-- 70 to 90th percentile
• 0 to 220--) to 70th percentile

Dissolved Al mg/s

▲720 to 1930-- >95th percentile
▲160 to 720-- 90 to 95th percentile
△ 3 to 160-- 70 to 90th percentile
▲ 0 to 3-- 0 to 70th percentile

Dissolved Fe mg/s

◆600 to 5200-- >95th percentile
◆320 to 600-- 90 to 95th percentile
◇ 13 to 320-- 70 to 90th percentile
• 0 to 13-- 0 to 70th percentile

WATER SAMPLE TYPE

TMT-41-- Stream
TMT-17--Spring
TMT-27--Adit

ALAMOSA RIVER SAMPLES (Provided by Katherine Walton-Day USGS, WRD)

▲—AR45.5 (Dissolved load)

PRIMARY WATERSHED AREAS AND NESTED DRAINAGE AREAS INFLUENCING SAMPLE SITES

Primary drainage basin

NESTED AREAS OF INFLUENCE (Lowest ranking is nearest mouth of stream)

First order
Second order
Third order
Fourth order
Fifth order
Sixth order

SULFATE, ALUMINUM, AND IRON LOADING MAP OF THE IRON, ALUM, AND BITTER CREEK AREAS, UPPER ALAMOSA RIVER, SOUTHWESTERN COLORADO

By Dana J. Bove, Anna B. Wilson, Thomas H. Barry, Ken Hon, Jeffrey Kurtz, and R. E. Van Loenen

0 0.25 0.5
Kilometers

Scale 1:12,000

PLATE 9

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards or with the North American stratigraphic code.