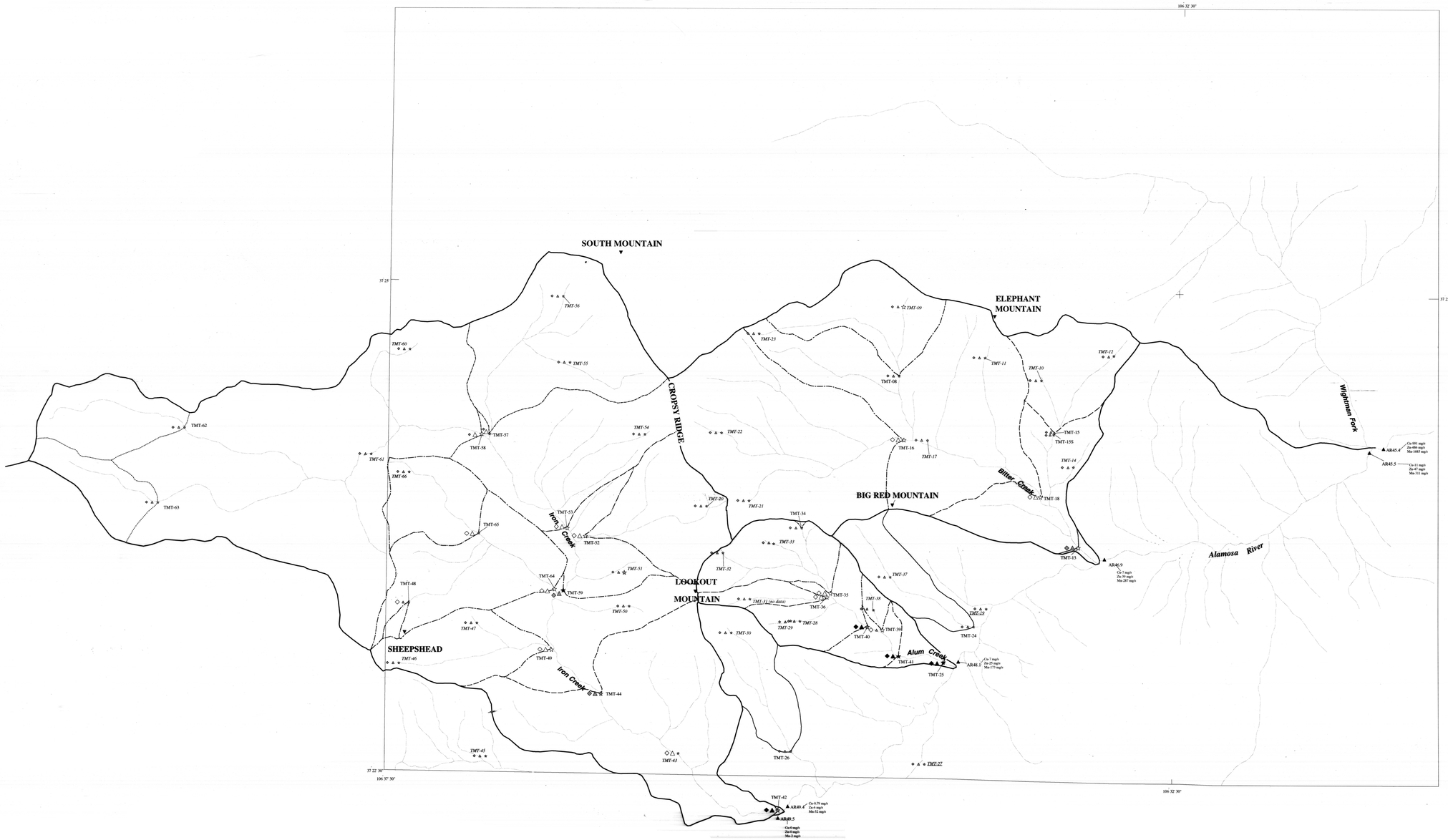

STREAM AND SPRING LOADING DATA (THIS STUDY)

Dissolved Cu mg/s

★2.93 to 7-- > 95th percentile
☆0.73 to 2.93-- 90 to 95th percentile
☆0.016 to 0.73-- 70 to 90th percentile
✦0 to 0.016-- 0 to 70th percentile

Dissolved Zn mg/s

▲4.6 to 17.5-- > 95th percentile
△2 to 4.6-- 90 to 95th percentile
△0.1 to 2-- 70 to 90th percentile
▲0 to 0.1-- 0 to 70th percentile

Dissolved Mn mg/s

◆42 to 180-- > 95th percentile
◇21 to 42-- 90 to 95th percentile
◇ 0.5 to 21-- 70 to 90th percentile
◆ 0 to 0.5-- 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

COPPER, ZINC, AND MANGANESE 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

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.

0 0.25 0.5
Kilometers
Scale 1:12,000