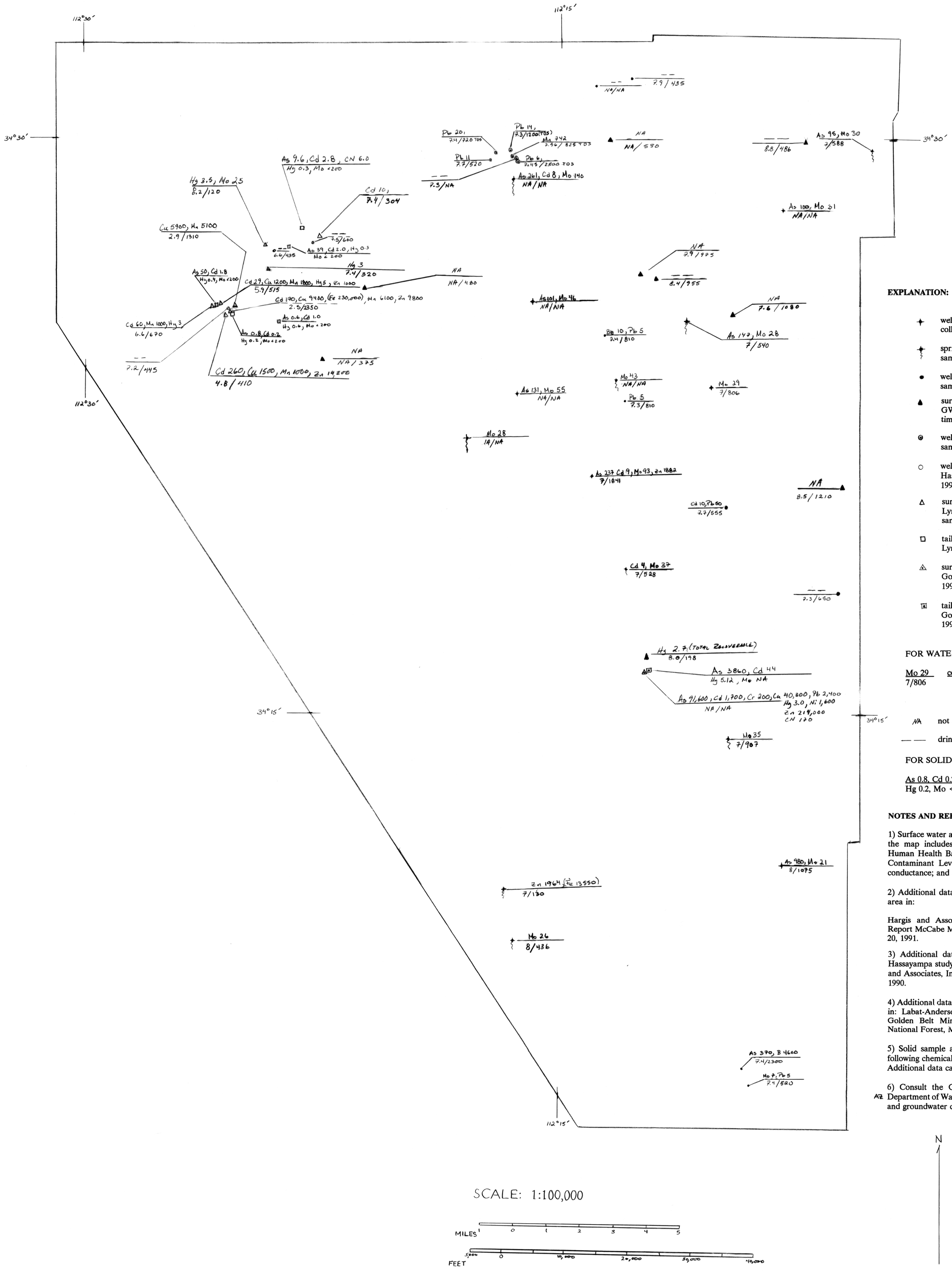
GROUNDWATER, SURFACE WATER AND TAILINGS/SPOIL-PILE SAMPLE ANALYSIS DATA



EXPLANATION:

- well location (from NURI data base, samples collected in 1978)
- spring location (from NURI data base, samples collected in 1978)
- well location (data from GWSI data base, samples collected at various times)
- surface water sample location (data from GWSI data base, samples collected at various times)
- well location (data from McCabe mine study, samples collected in 1990 and 1991)
- well location (data from Lynx Creek and Hassayampa River study, samples collected in 1990)
- surface water sample location (data from Lynx Creek and Hassayampa River study, samples collected in 1990)
- tailings/ spoil pile sample location (data from Lynx Creek and Hassayampa River study)
- surface water sample location (data from Golden Belt mine study, samples collected in 1990)
- tailings/ spoil pile sample location (data from Golden Belt mine study, samples collected in 1990)

FOR WATER DATA:

Mo 29 / 7/806 — constituent concentrations (micrograms per liter); pH/specific conductance (micromhos) (or total dissolved solids (TDS; mg/l) for McCabe mine study)

NA — not analyzed or information not available

— — drinking water standards were not exceeded

FOR SOLIDS DATA:

As 0.8, Cd 0.2 / Hg 0.2, Mo <200 — constituent concentrations (milligrams per kilogram)

NOTES AND REFERENCES:

1) Surface water and groundwater quality data presented on the map includes: chemical concentrations which exceed Human Health Based Guidance Levels and/ or Maximum Contaminant Levels for drinking water; pH and specific conductance; and anomalously high concentrations of iron.

2) Additional data is available for the McCabe mine study area in:

Hargis and Associates, Inc., 1991, Cyanide Assessment Report McCabe Mine Yavapai County, Arizona, September 20, 1991.

3) Additional data is available for the Lynx Creek and Hassayampa study area in the report by Daniel B. Stephens and Associates, Inc., for which field work was conducted in 1990.

4) Additional data is available for the Golden Belt study area in: Labat-Anderson, Inc., 1991, Site Assessment for the Golden Belt Mine, Bradshaw Ranger District, Prescott National Forest, May 8, 1991.

5) Solid sample analysis data was only presented for the following chemicals: As, Cd, Hg, Mo and CN (if available). Additional data can be found in the above references.

6) Consult the GWSI data base (available through the Department of Water Resources) for additional surface water and groundwater quality data.

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