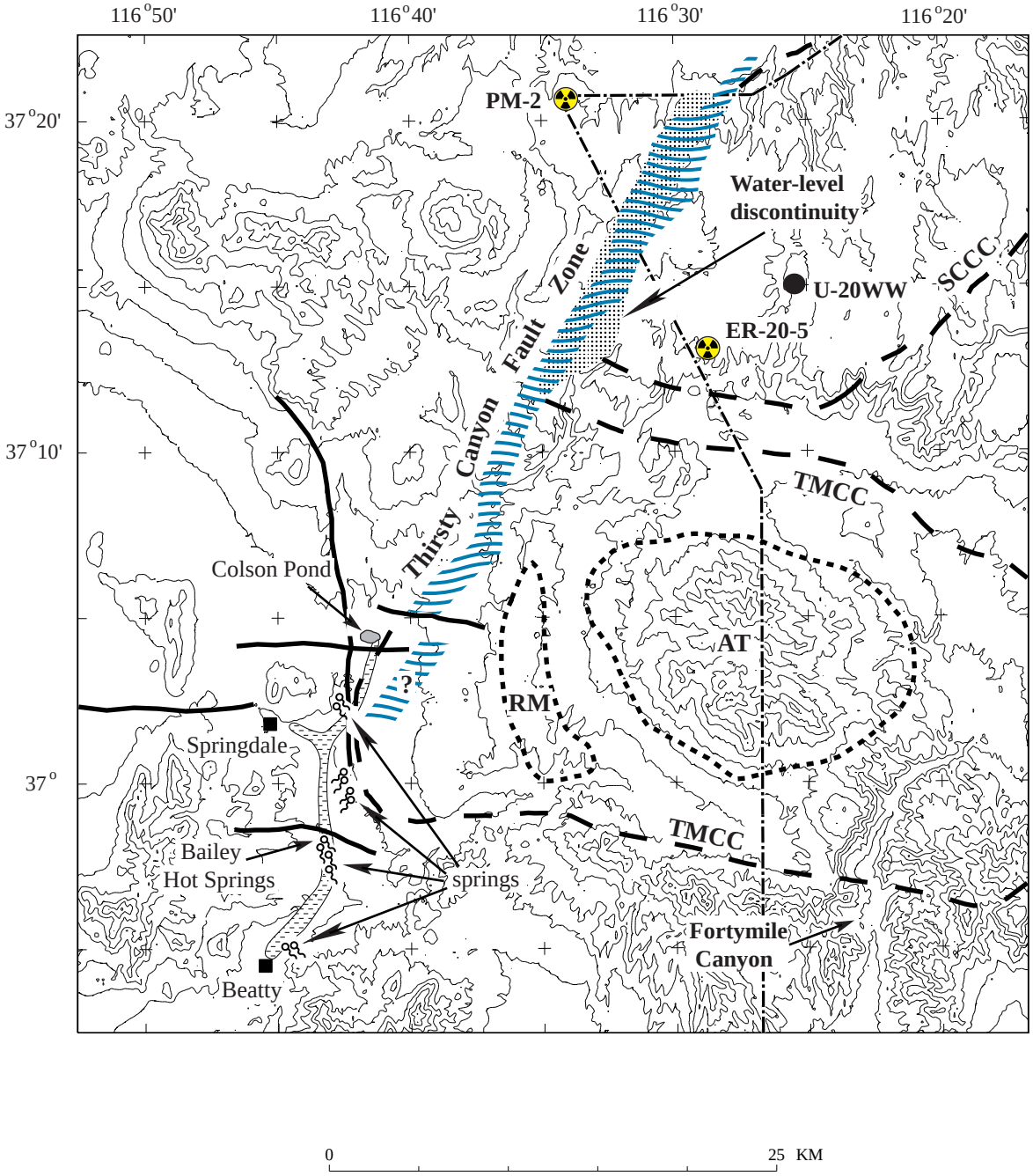

Figure 16. Map showing major features expressed by geophysical data. Gravity lineaments (heavy solid lines), structural boundries of the Silent Canyon and Timber Mountain caldera complexes (dashed lines), and the inferred position of the Thirsty Canyon fault zone (wavy pattern, queried where uncertain (Hildenbrand and others, 1999; Mankinen and others, 1999)). Dotted lines are the approximate boundaries of the Ammonia Tanks (AT) resurgent dome and remnant of the Rainier Mesa (RM) resurgent dome. Shown also are the water-level discontinuity (stippled) of O'Hagan and Laczniak (1996) and major springs in the Oasis Valley discharge area. Solid circle, water well; symbols, wells with radioactive contamination. Contour interval 100 m.