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Date: 12/22/2003 10:32:08 AM
Subject: East Fork Box Canyon Monitoring 12/15&17/03

The East Fork of Box Canyon was monitored on 12/15/03 for both flow and subsidence cracks and on 12/17/03 for subsidence cracks. (See attached excel spread sheet, map of area, and pictures sent in other emails)

During the 12/15/03 did not observe any significant new tension cracks in the stream channel.

During the 12/17/03 inspection the shelter looked the same. Did not observe any significant new tension cracks in the stream channel. The stream channel fracture zones appeared the same. The flow is still being temporarily disrupted by flowing beneath the fractured zones and reappears about 30 feet below the sites. The new slump found on 12/08/03 has not changed since then. Groundwater was still observed leaking from the slump area. It is apparent that there is somewhat less ice cover in the stream channel between EFB-10 and EFB-11 than previously; possibly a result of additional groundwater inflow into the stream in this region. Elsewhere, the stream channel and spring discharge areas are more frozen than last week. A large rock and some smaller ones broke off the upper outcrop approx. 20' south of EFB-12 South spring area. Observed two new cracks in the rock outcrop above EFB-14.

Mike

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