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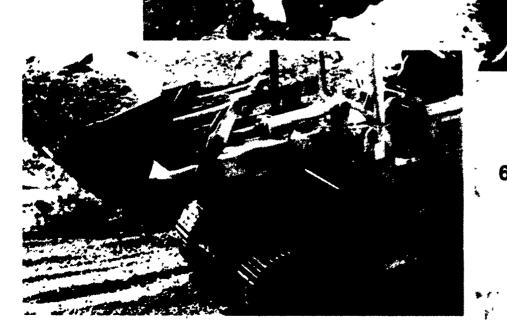
There Are Se unione to Shikhole Problems

The following illustrates how a sinkhole was repaired in Cumberland County.

- 1). In the first of a series of photos of a sinkhole repair in Cumberland County, first the six-foot deep hole is widened and cleaned using a backhoe to expose the bedrock and cavity.
- 2) Next, the sinkhole is filled with large field-type stones, some measuring up to 1¹/₂ feet in diameter.

 The sinkhole is then filled with smaller, 2B stones to a depth of two feet.

- 4) After the 2B stone is laid, a six-inch layer of sand is placed on top.
- 5) On top of the sand filter is placed a special fiberglass filter fabric. This helps prevent the fine-grained soil from entering into the coarse



material below and adds stability over the area.

6) As a last step, about two feet of clay soil is filled in and compacted on top. In this case, the site will be used for a manure pond, so a concrete pad is added as a final step.

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