



Explanation

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|--|------------------------------|-------------------|---|-----------------------|
| Peat | Talus | Alluvial deposits | Colluvium | Alluvial fan deposits |
| Younger outwash deposits | Emergent intertidal deposits | | | |
| Moraine | | | | |
| Late glacial-outwash deposits | | | | |
| Older raised beach deposits overlying glaciomarine deposits, 3rd phase | | | | |
| Undifferentiated glaciomarine deposits | | | | |
| Bedrock | | | | |
| | | | Seismic velocity | |
| | | | Forest bed
May extend throughout Mendenhall valley | |
| | | | Contact
Dashed where inferred, dotted where concealed by part of diagram | |
| | | | Test well | |
| | | | Test well | |
| | | | Water well | |
| | | | Seismic station | |

U.S. Geological Survey
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This illustration is preliminary and has not been edited or reviewed for conformity with Geological Survey standards.

- 1/ Unpublished well data from the U.S. Geological Survey, Juneau, Alaska; used here to show the depth to forest bed and thickness of younger outwash deposits
- 2/ Barnwell and Boning (1968)
- 3/ Seismic determinations and interpretations by E. E. McGregor and R. A. Farrow, U.S. Geological Survey, Denver, Colorado, 1966

Figure 7.--Fence diagram showing interpretation of the depth to, and configuration of, geologic units beneath the Mendenhall valley area, based primarily on seismic data. Lines of section are shown on the geologic map