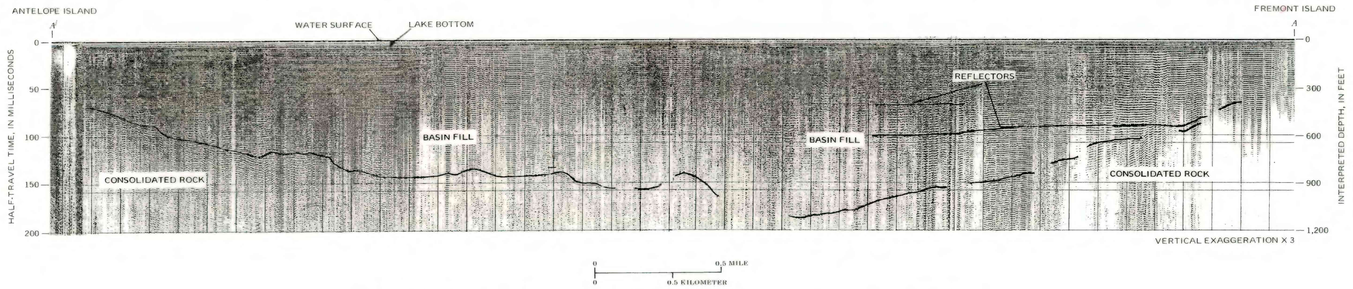
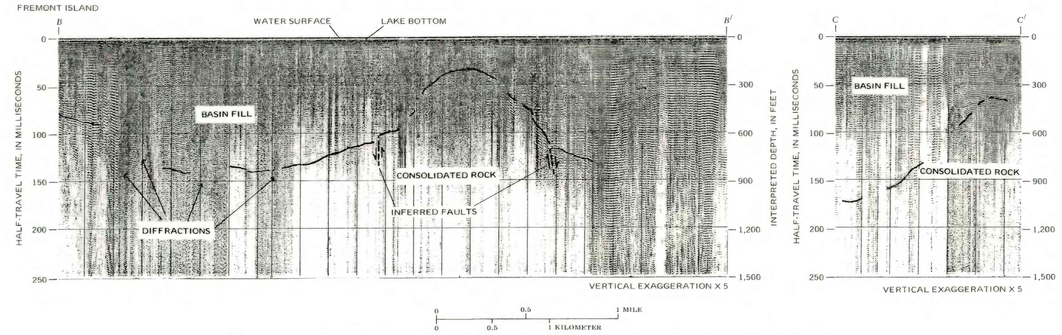
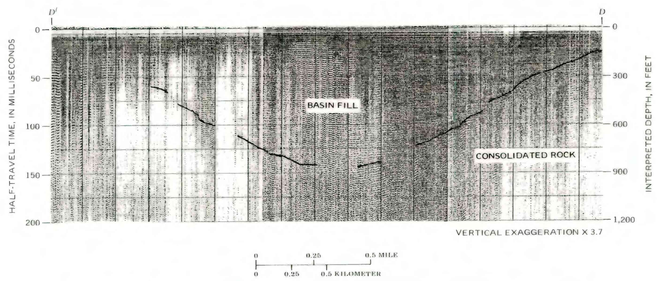
Prepared in cooperation with the
UTAH DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS



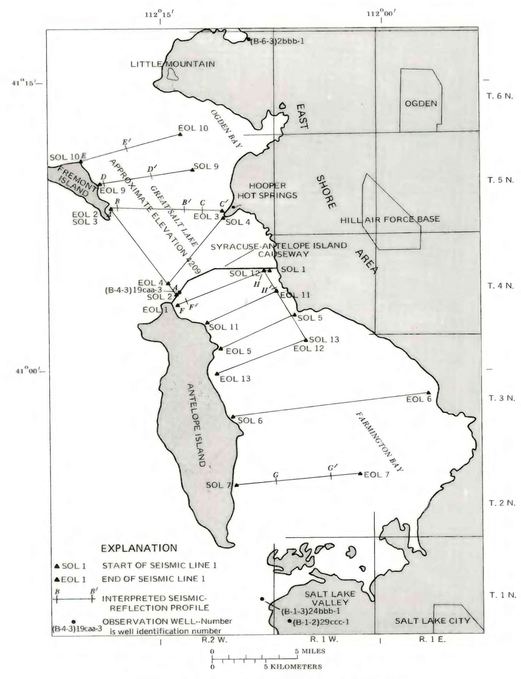
Seismic-reflection profile A-A' along seismic line 2 showing the consolidated-rock surface from Antelope Island to Fremont Island.



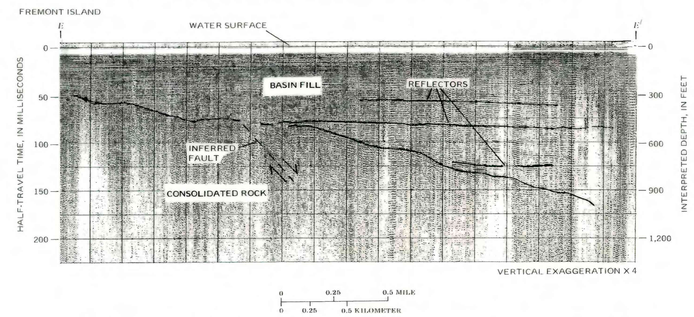
Seismic-reflection profiles B-B' and C-C' along seismic line 3 showing the consolidated-rock surface and a consolidated-rock high east of Fremont Island (B-B'), and shallow consolidated-rock surface west of Hooper Hot Springs (C-C').



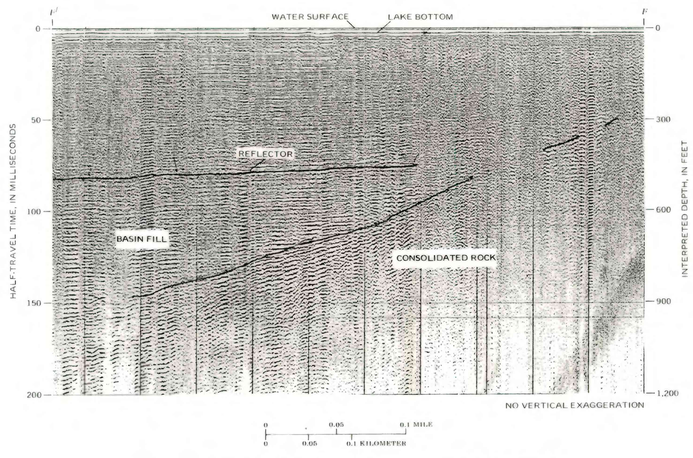
Seismic-reflection profile D-D' along seismic line 9 showing the consolidated-rock surface east of Fremont Island.



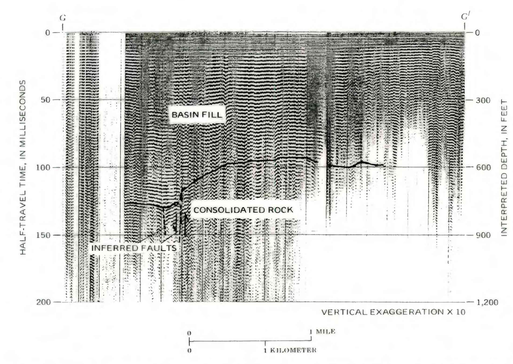
Location of seismic lines and interpreted seismic profiles.



Seismic-reflection profile E-E' along seismic line 10 showing normal faulting in the consolidated-rock east of Fremont Island.

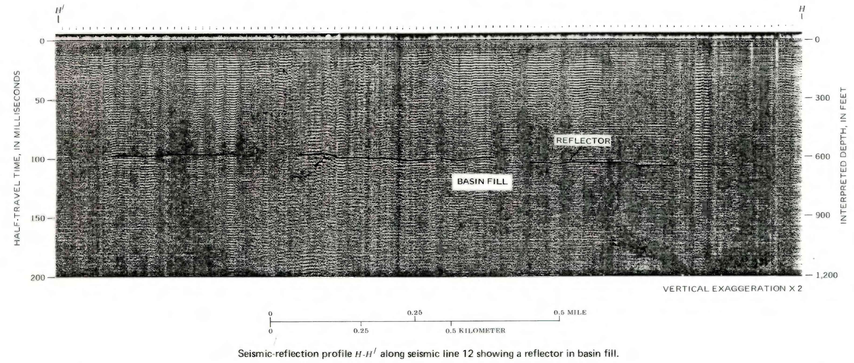


Seismic-reflection profile F-F' along seismic line 1 showing the consolidated-rock surface and a reflector in basin fill east of Antelope Island.



Seismic-reflection profile G-G' along seismic line 7 showing a consolidated-rock high east of Antelope Island.

Note that seismic-reflection profiles A-A', D-D', F-F', and H-H' appear reversed (i.e., A-A') because of the direction in which the profile data were collected. See the location map for physical orientation of profile lines.



Seismic-reflection profile H-H' along seismic line 12 showing a reflector in basin fill.

SEISMIC-REFLECTION PROFILES EAST OF ANTELOPE AND FREMONT ISLANDS, GREAT SALT LAKE, UTAH