These maps show a composite of selected geologic and hydrologic

Map A, showing limiting geologic and hydrologic factors, defines areas

To be used realistically, a map of the developed areas and those areas

Map B, showing advantageous geologic and hydrologic factors,

Natural factors deemed to be potential limitations to certain types of

1. Flood-prone areas (Mohler and Novak, 1978)—Valley floors subject

3. Unstable shorelines (Obermeier, 1979a)—Unstable cliffed

7. Potential aguifer-recharge areas (Johnston and Van Driel, 1978;

Areas considered to provide potential opportunities for specific types of

P. T., 1979, Preliminary geologic map of Fairfax County, Virginia; U.S. Geological Survey Open-File Report 79–398, 2 pls., scale

Fairfax County, Virginia: U.S. Geological Survey Open-File Report

Virginia: U.S. Geological Survey Open-File Report 76-660, scale

\_\_\_\_\_ 1978, Map showing planar and linear features of Fairfax County, Virginia: U.S. Geological Survey Open-File Report 78-443,

\_\_\_\_\_ 1980, Maps showing geologic and hydrologic factors affecting land-use planning in Fairfax County, Virginia: U.S. Geological Survey Miscellaneous Field Studies Map MF-1233, scale 1:48,000.

map of Fairfax County, Virginia: U.S. Geological Survey Open-File

report on the ancestral Potomac River deposits in Fairfax County, Virginia, and their potential hydrogeologic significance: U.S. Geological Survey Open-File Report 78-544, 37 p., scale 1:48,000.

inferred sub-surface distribution of channel-fill sand aquifers in the Potomac Group in Fairfax County, Virginia: U.S. Geological Survey

water in the Franconia area, Virginia: U.S. Geological Survey

aquifers to contamination, Fairfax County, Virginia—A computer composite map: U.S. Geological Survey Open-File Report 78-265,

U.S. Geological Survey Open-File Report 78-78, 9 p., 1 pl., scale

Virginia: U.S. Geological Survey Open-File Report 78–268, 2 pls.,

sites in Fairfax County and vicinity, Virginia: U.S. Geological Survey

County, Virginia: U.S. Geological Survey Open-File Report 78-767,

\_\_\_\_1979b, Engineering geology of soils and weathered rocks of

Fairfax County, Virginia: U.S. Geological Survey Open-File Report

U.S. Geological Survey Open-File Report 77-89, scale 1:48,000.

sanitary landfill siting in Fairfax County, Virginia: U.S. Geological Survey Miscellaneous Field Studies Map I-1309, scale 1:48,000.

\_\_\_\_1979, Principal sources of ground water in Fairfax County, Virginia: U.S. Geological Survey Open-File Report 79–211.

75-415, 21 p., 2 pls., scale 1:48,000.

Report 77-797, scale 1:48,000.

Open-File Report 77-287, 8 p., 5 pls.

Open-File Report 81-164, scale 1:48,000.

Open-File Report 76-400, 19 p.

scale 1:48,000.

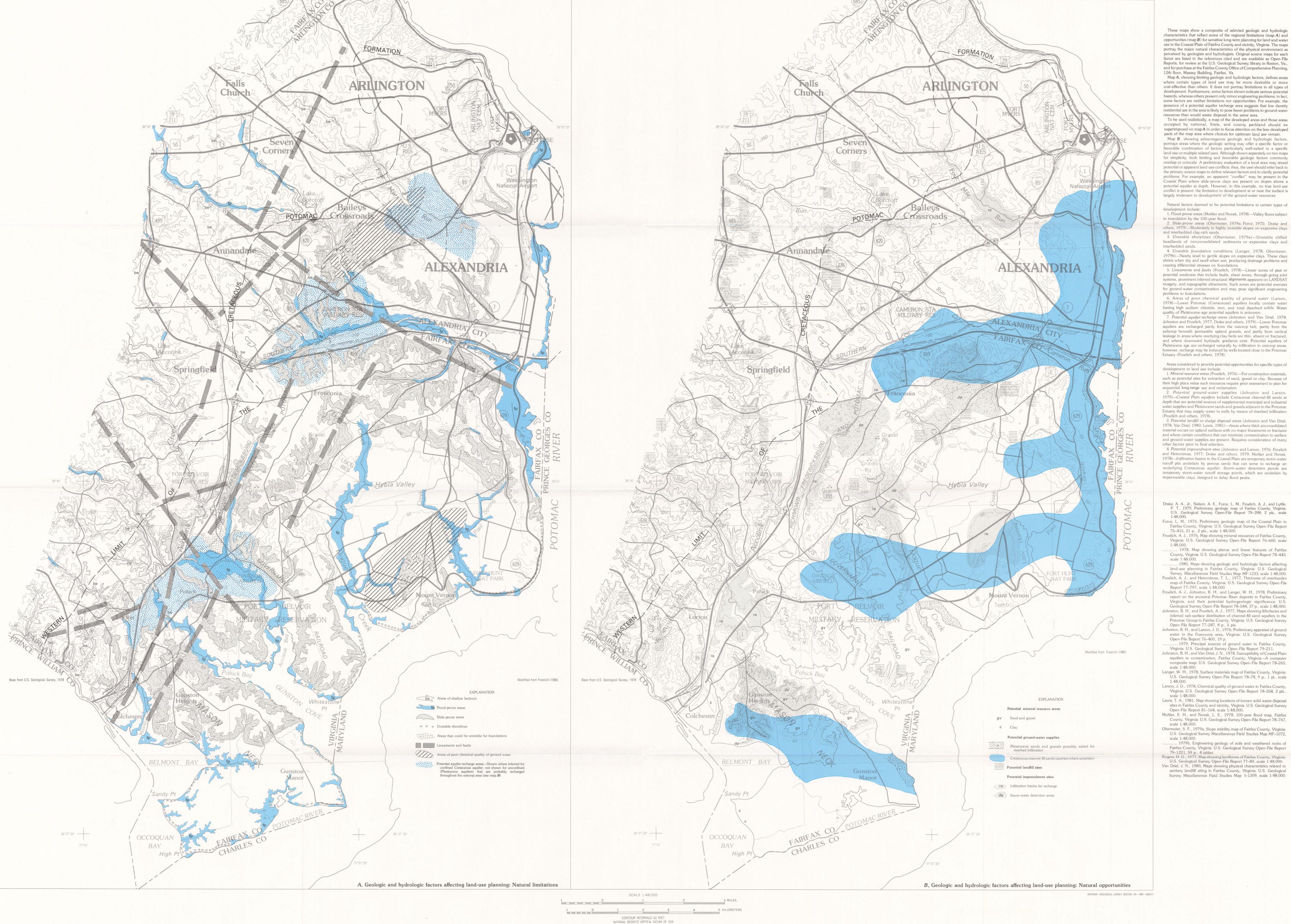
scale 1:48,000.

scale 1:48,000.

scale 1:48,000.

79-1221, 59 p., 4 tables.

scale 1:48,000.



Sheet 5 of 5: Maps showing some geologic and hydrogeologic factors affecting land-use planning in the Coastal Plain of Fairfax County and vicinity, Virginia: Limitations and opportunities