



Purpose of Report
This report presents the results of a review of U.S. Geological Survey (USGS) and Pennsylvania Department of Environmental Protection files concerning stratigraphic data for the south Philadelphia area. This report also presents a water table map of the area near the Defense Supply Center, Philadelphia and the Brite Breeze Refinery (plate 2). The file review and stratigraphic data compilation is part of a regional assessment of the ground-water system in the south Philadelphia region which is being conducted by the USGS for the U.S. Environmental Protection Agency (USEPA).

The sources of the stratigraphic data were from environmental consultants and well driller records. The stratigraphic data were compiled and entered into a stratigraphic software package to produce the cross-sections and block diagrams presented in this report. The block diagrams were constructed using data from wells that lie within the block areas shown on the plate. An inverse-distance gridding model was used to define the surfaces of each of the stratigraphic units for plotting. Block diagram 1 used 47 wells with a southwest-east directional perspective. Block diagram 2 used 53 wells also with a southwest-east directional perspective.

Table 1--Well identification table

Site ID number	USGS Local Number
N-38D	Ph-855
S-38D	Ph-866
S-49D	Ph-867
S-100	Ph-868
S-101	Ph-869
S-102	Ph-870
S-103	Ph-871
S-104	Ph-872
S-105	Ph-873
S-106	Ph-874
S-107	Ph-875
S-108	Ph-876
S-109	Ph-877
S-110	Ph-878
S-111	Ph-879
S-112	Ph-880
S-113	Ph-881
S-114	Ph-882
S-115	Ph-883
S-116	Ph-884
S-117	Ph-885
S-118	Ph-886
S-119	Ph-887
S-120	Ph-888
S-121	Ph-889
S-122	Ph-890
S-123	Ph-891
S-124	Ph-892
S-125	Ph-893
S-126	Ph-894
S-127	Ph-895
S-128	Ph-896
S-129	Ph-897
S-130	Ph-898
S-131	Ph-899
S-132	Ph-900
S-133	Ph-901
S-134	Ph-902
S-135	Ph-903
S-136	Ph-904
S-137	Ph-905
S-138	Ph-906
S-139	Ph-907
S-140	Ph-908
S-141	Ph-909
S-142	Ph-910
S-143	Ph-911
S-144	Ph-912
S-145	Ph-913
S-146	Ph-914
S-147	Ph-915
S-148	Ph-916
S-149	Ph-917
S-150	Ph-918
S-151	Ph-919
S-152	Ph-920
S-153	Ph-921
S-154	Ph-922
S-155	Ph-923
S-156	Ph-924
S-157	Ph-925
S-158	Ph-926
S-159	Ph-927
S-160	Ph-928
S-161	Ph-929
S-162	Ph-930
S-163	Ph-931
S-164	Ph-932
S-165	Ph-933
S-166	Ph-934
S-167	Ph-935
S-168	Ph-936
S-169	Ph-937
S-170	Ph-938
S-171	Ph-939
S-172	Ph-940
S-173	Ph-941
S-174	Ph-942
S-175	Ph-943
S-176	Ph-944
S-177	Ph-945
S-178	Ph-946
S-179	Ph-947
S-180	Ph-948
S-181	Ph-949
S-182	Ph-950
S-183	Ph-951
S-184	Ph-952
S-185	Ph-953
S-186	Ph-954
S-187	Ph-955
S-188	Ph-956
S-189	Ph-957
S-190	Ph-958
S-191	Ph-959
S-192	Ph-960
S-193	Ph-961
S-194	Ph-962
S-195	Ph-963
S-196	Ph-964
S-197	Ph-965
S-198	Ph-966
S-199	Ph-967
S-200	Ph-968
S-201	Ph-969
S-202	Ph-970
S-203	Ph-971
S-204	Ph-972
S-205	Ph-973
S-206	Ph-974
S-207	Ph-975
S-208	Ph-976
S-209	Ph-977
S-210	Ph-978
S-211	Ph-979
S-212	Ph-980
S-213	Ph-981
S-214	Ph-982
S-215	Ph-983
S-216	Ph-984
S-217	Ph-985
S-218	Ph-986
S-219	Ph-987
S-220	Ph-988
S-221	Ph-989
S-222	Ph-990
S-223	Ph-991
S-224	Ph-992
S-225	Ph-993
S-226	Ph-994
S-227	Ph-995
S-228	Ph-996
S-229	Ph-997
S-230	Ph-998
S-231	Ph-999
S-232	Ph-1000

Locations of selected wells drilled to a depth greater than 50 feet for which stratigraphic data are available in the south Philadelphia area, Pennsylvania

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2000