## PREPARED IN COOPERATION WITH THE HARRIS-GALVESTON COASTAL SUBSIDENCE DISTRICT

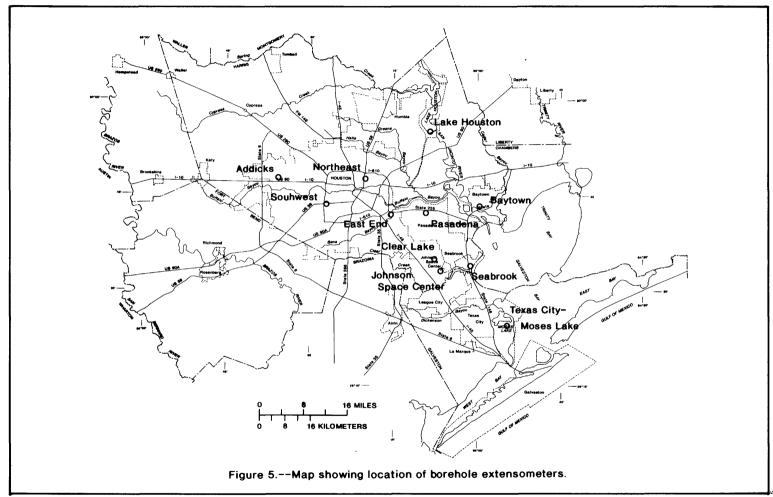
U.S. DEPARTMENT OF THE INTERIOR

AND THE

OPEN-FILE REPORT 91-94 SHEET 5 OF 7

U.S. GEOLOGICAL SURVEY

CITY OF HOUSTON



APPROXIMATE WATER-LEVEL CHANGES IN WELLS COMPLETED IN THE CHICOT AND EVANGELINE AQUIFERS, 1977-91 AND 1990-91, AND MEASURED COMPACTION, 1973-90, IN THE HOUSTON-GALVESTON REGION, TEXAS

## PREPARED IN COOPERATION WITH THE

HARRIS-GALVESTON COASTAL SUBSIDENCE DISTRICT **OPEN-FILE REPORT 91-94** U.S. DEPARTMENT OF THE INTERIOR AND THE SHEET 6 OF 7 CITY OF HOUSTON U.S. GEOLOGICAL SURVEY 0 Well LJ-65-07-909 (Lake Houston) Monitor depth: 2,050 feet 0.1 Well LJ-65-14-746 (Northeast) Monitor depth: 2,250 feet 0.2 0.3 0.4 0.5 0.6 0.7 0.8 Well LJ-65-22-622 (East End) Monitor depth: 995 feet 0.9 Well LJ-65-21-226 (Southwest) Monitor depth: 2,450 feet 1.0 FEET 롣 1.1 COMPACTION, 1.2 1.3 Well LJ-65-12-726 (Addicks) Monitor depth: 1,802 feet 1.4 1.5 1.6 1.7 1.8 1.9 0 0.1 Well LJ-65-23-322 (Pasadena) Monitor depth: 2,831 feet 2.1 0.2 2.2 0.3 0.4 0.5 1973 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 92 1993

APPROXIMATE WATER-LEVEL CHANGES IN WELLS COMPLETED IN THE CHICOT AND EVANGELINE AQUIFERS, 1977-91 AND 1990-91, AND MEASURED COMPACTION, 1973-90, IN THE HOUSTON-GALVESTON REGION, TEXAS

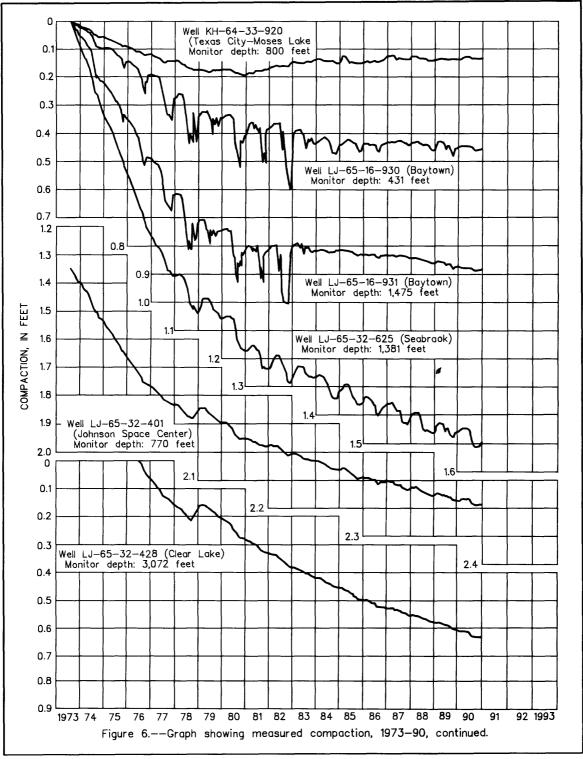
Figure 6.—Graph showing measured compaction, 1973—90.

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U.S. DEPARTMENT OF THE INTERIOR AND THE CITY OF HOUSTON SHEET 7 OF 7 U.S. GEOLOGICAL SURVEY 0



APPROXIMATE WATER-LEVEL CHANGES IN WELLS COMPLETED IN THE CHICOT AND EVANGELINE AQUIFERS, 1977-91 AND 1990-91, AND MEASURED COMPACTION, 1973-90, IN THE HOUSTON-GALVESTON REGION, TEXAS