Appendix C

Groundwater Contours and Water Table Profiles

List of Figures

C Appendix

During each visit to the Oneida phytoremediation site during 2004, discrete water level measurements were taken at every available piezometer and monitoring well. These measurements were converted to water table elevations and digitized using AutoCAD Land Development. The result yielded groundwater contours and water table profiles for each site visit. These contours and profiles were observed and compared to make judgments regarding the impact of the phytoremediation system on the aquifer and to spatially understand the depth to groundwater from the land surface along a given profile.

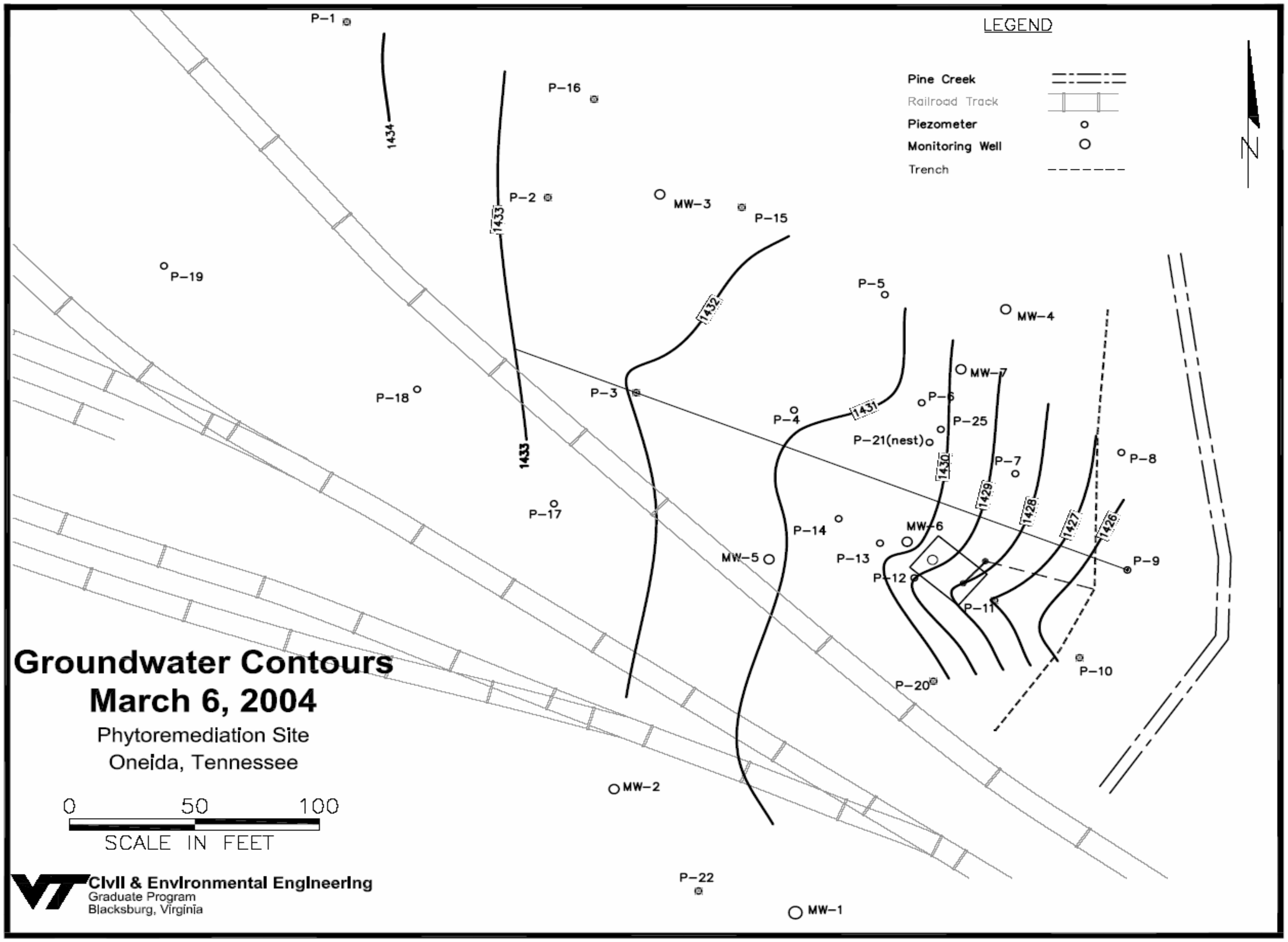

Figure C 1 Groundwater contours, March 6, 2004.

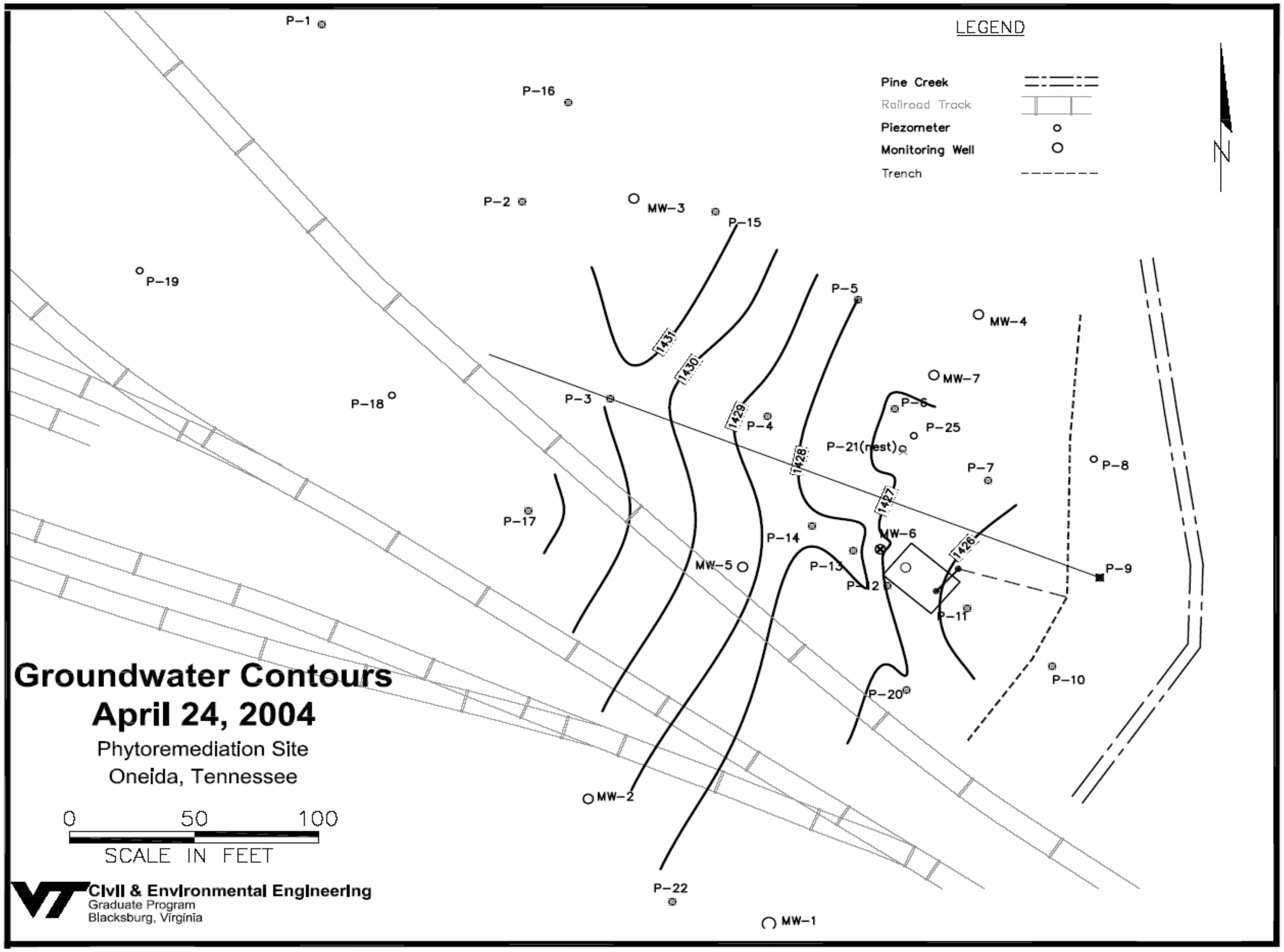

Figure C 2 Groundwater contours, April 24, 2004.

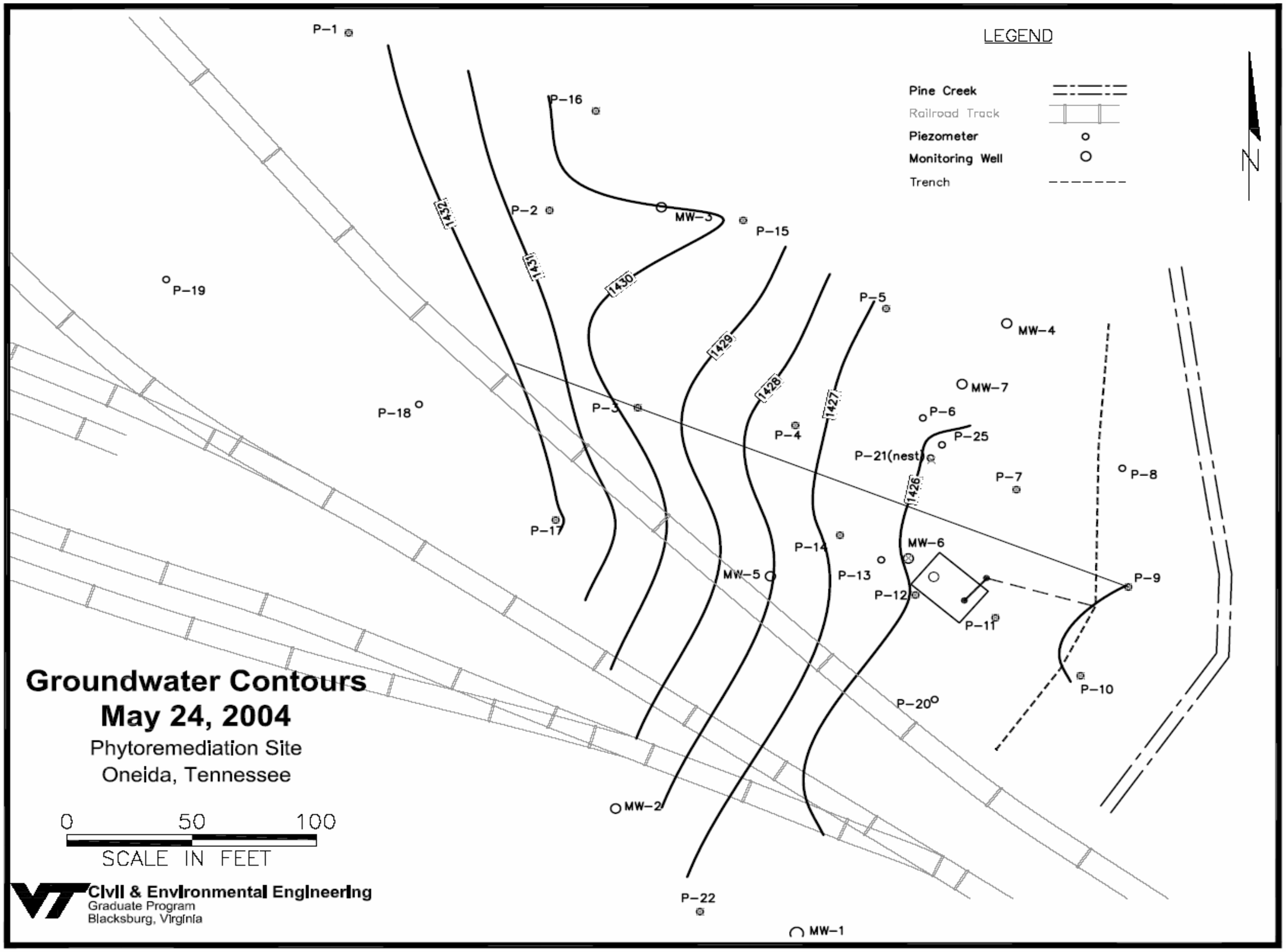

Figure C 3 Groundwater contours, May 24, 2004

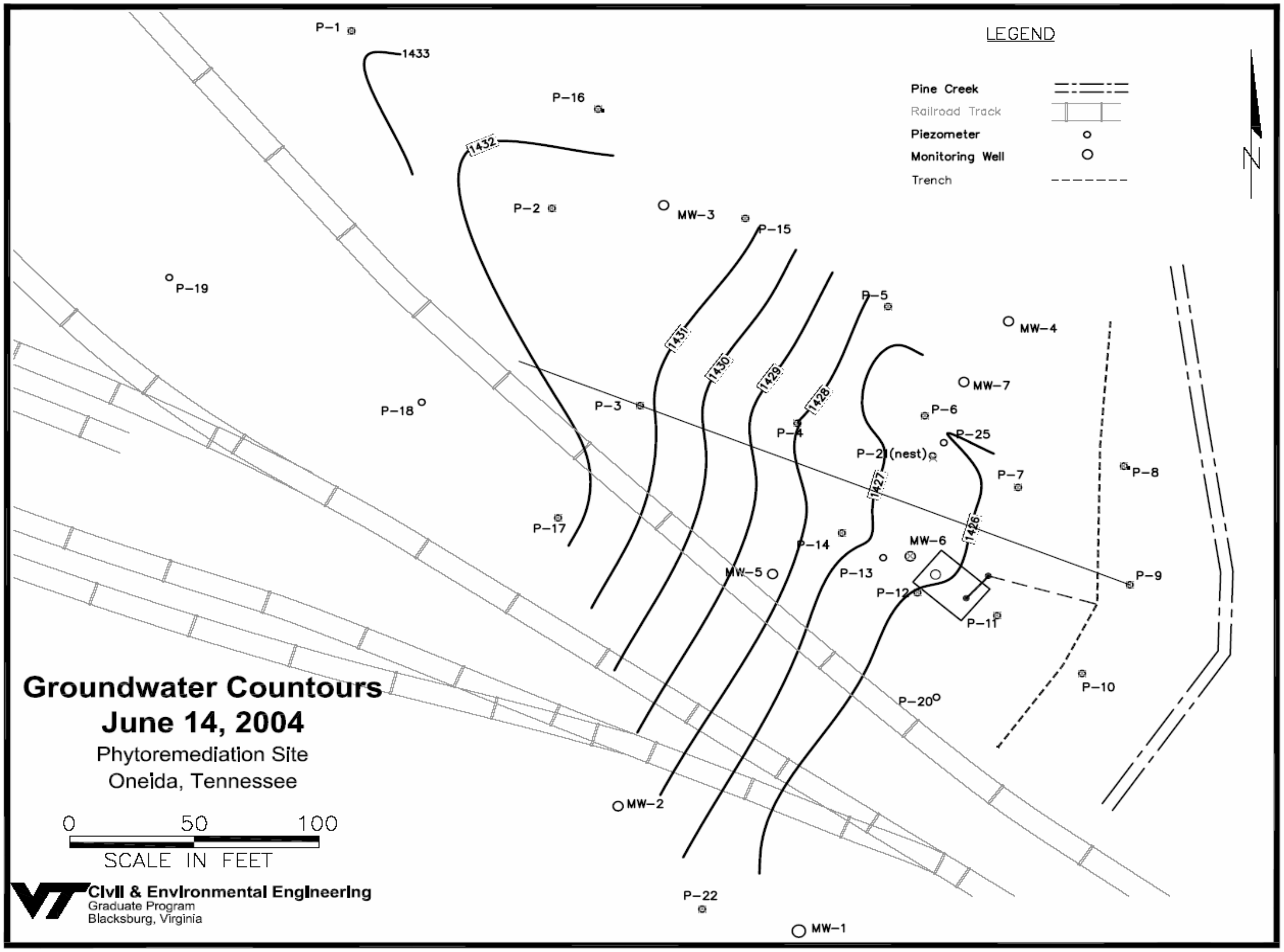

Figure C 4 Groundwater contours, June 14, 2004.

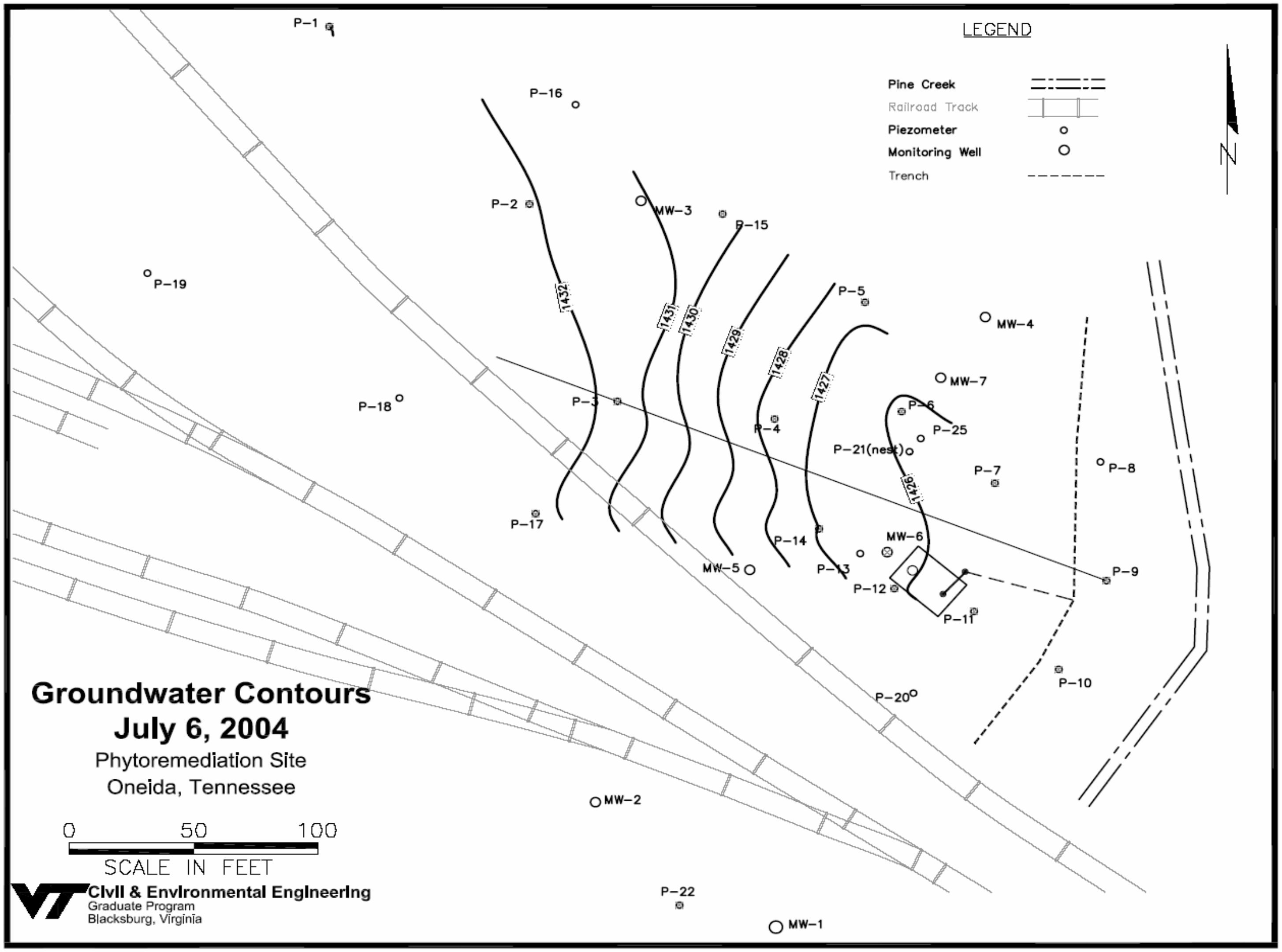

Figure C 5 Groundwater contours, July 6, 2004.

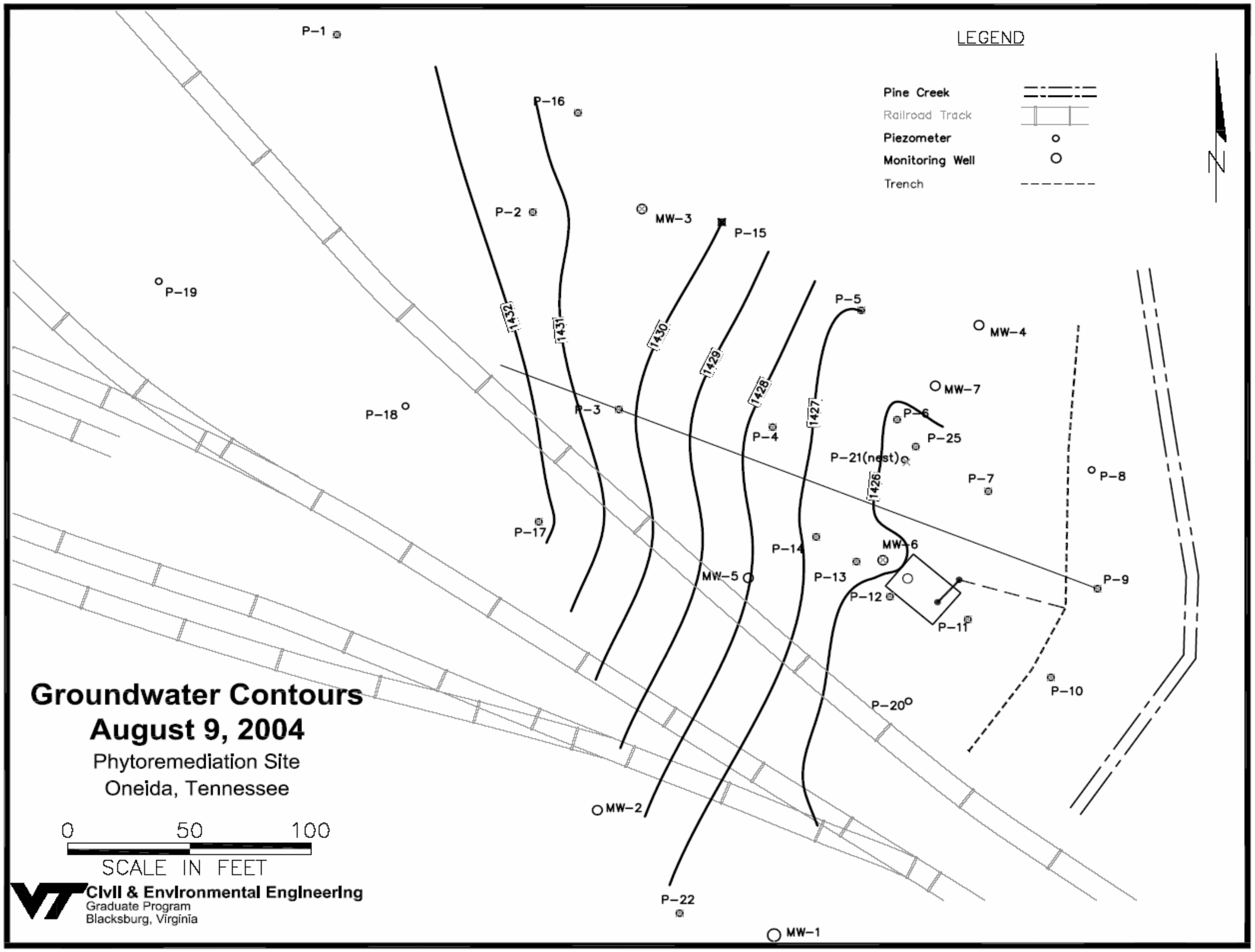

Figure C 6 Groundwater contours, August 9, 2004.

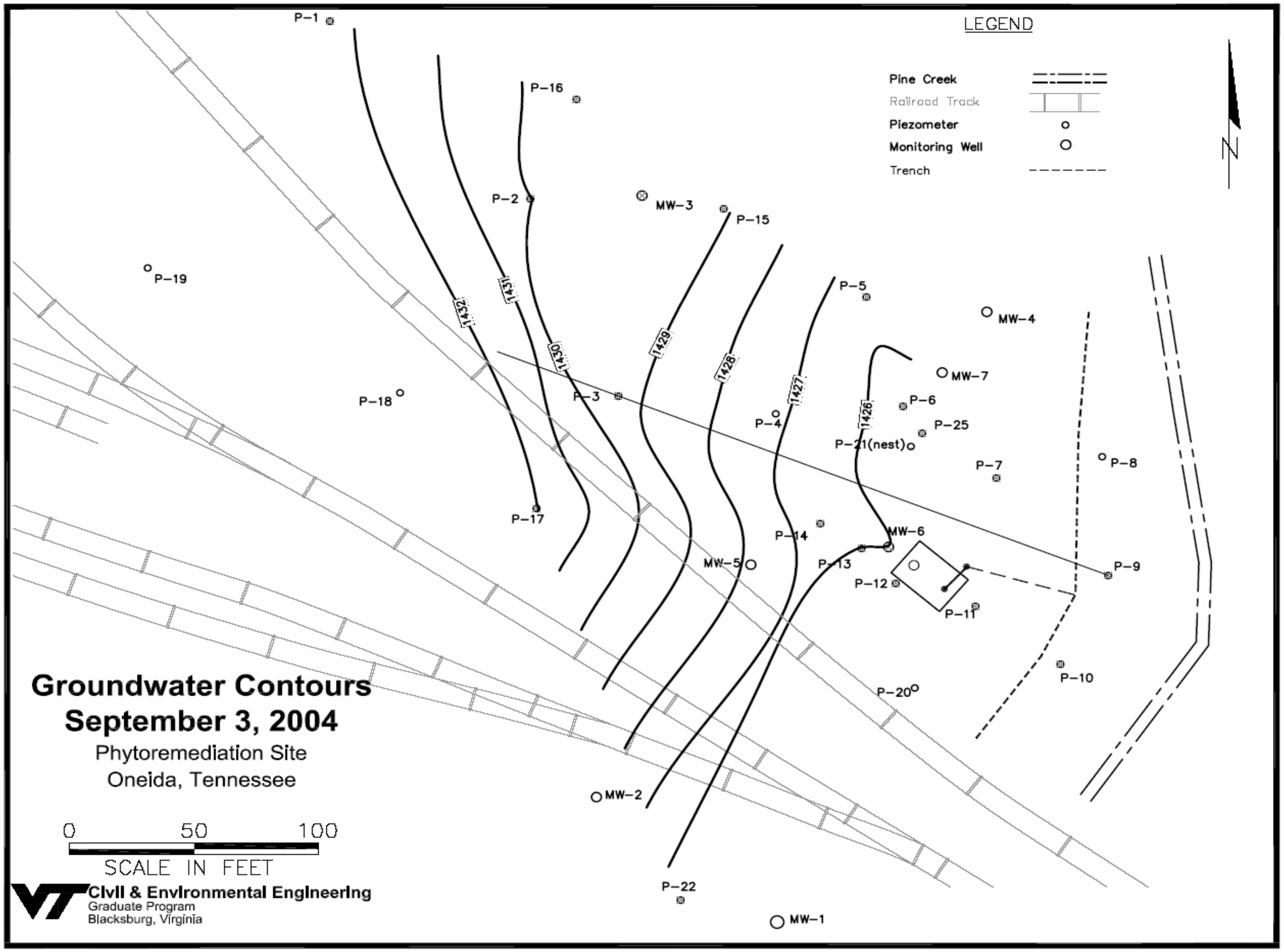

Figure C 7 Groundwater contours, September 3, 2004.

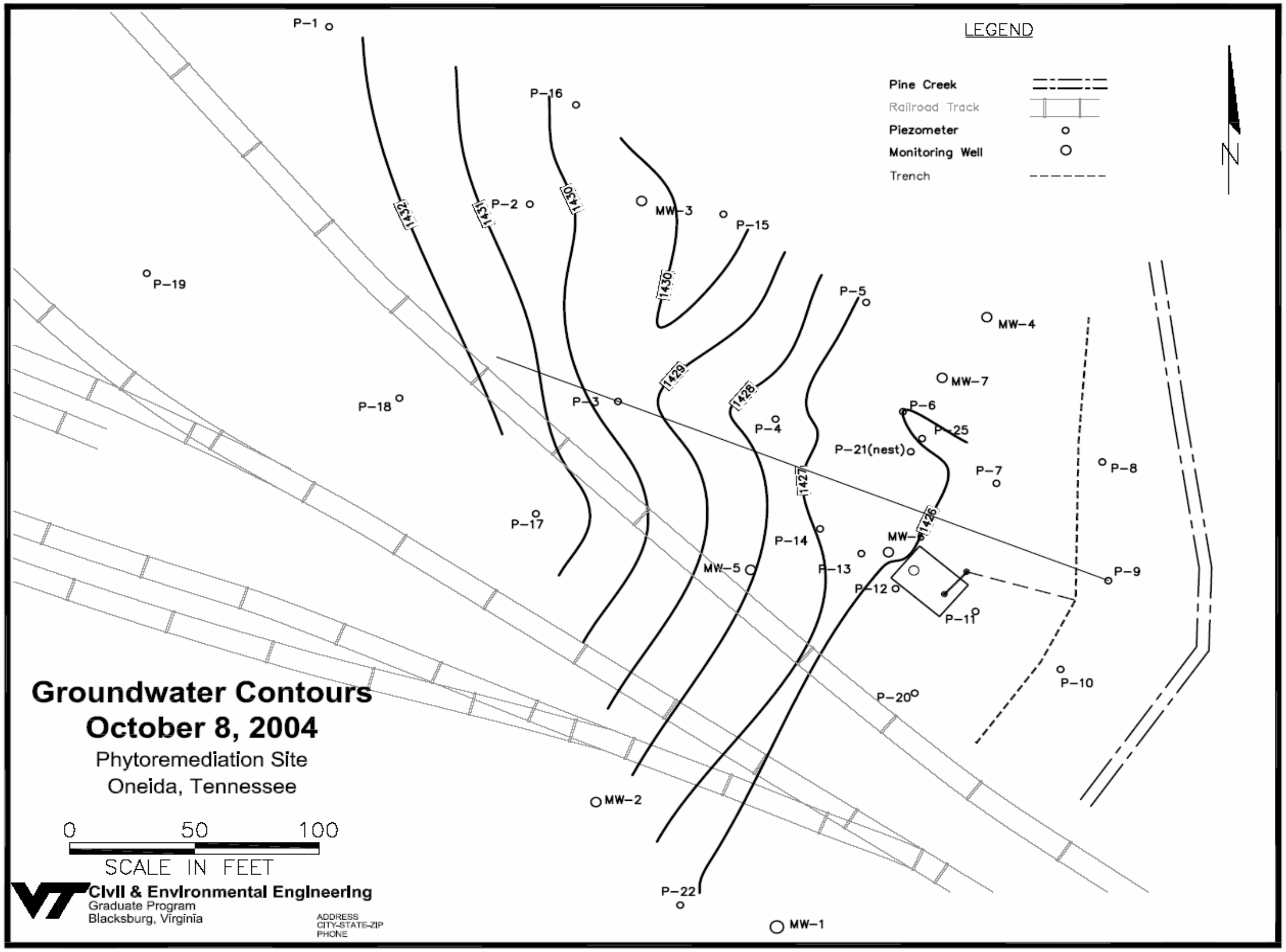

Figure C 8 Groundwater contours, October 8, 2004.

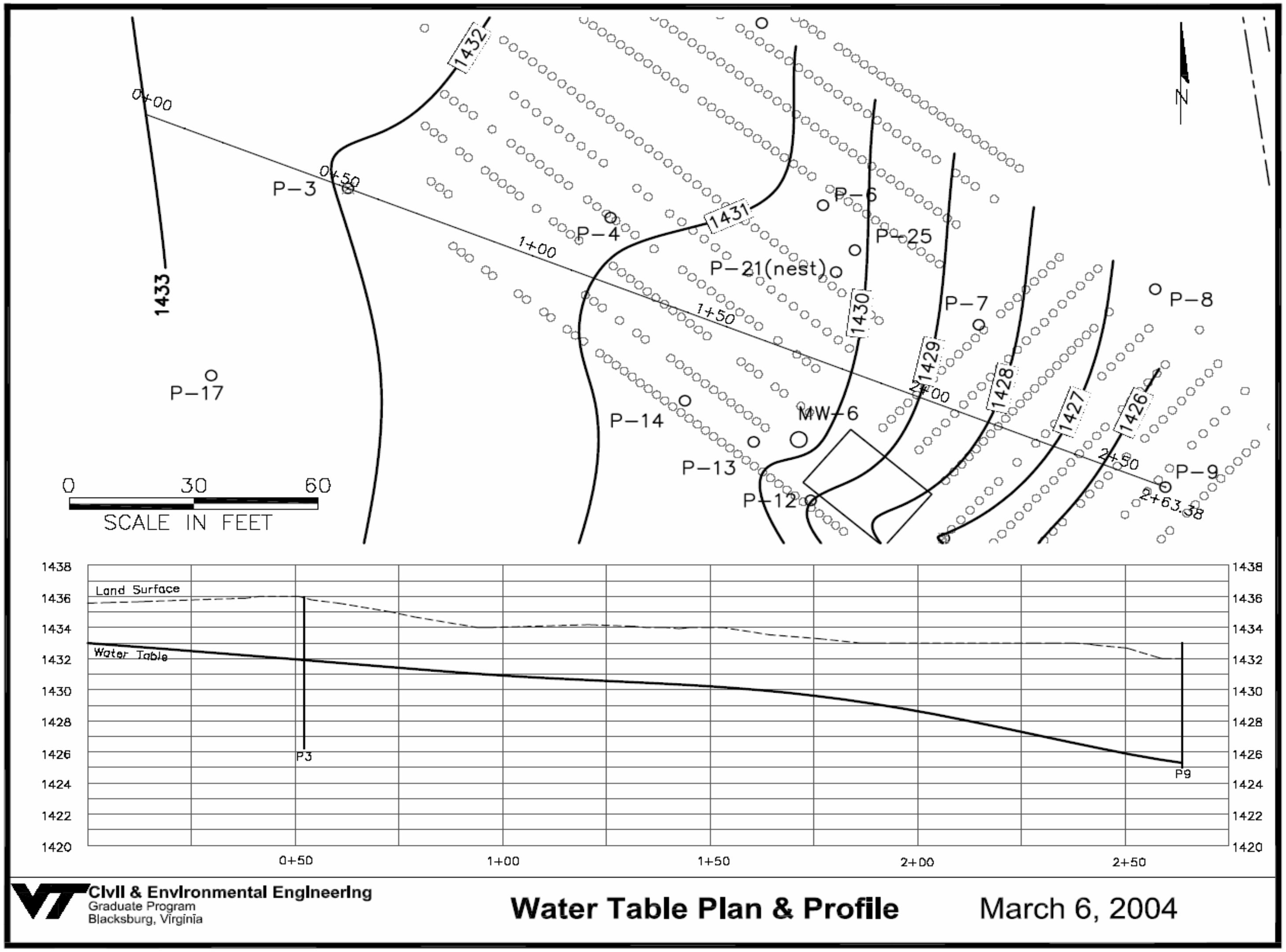

Figure C 9 Water table plan and profile, March 6, 2004.

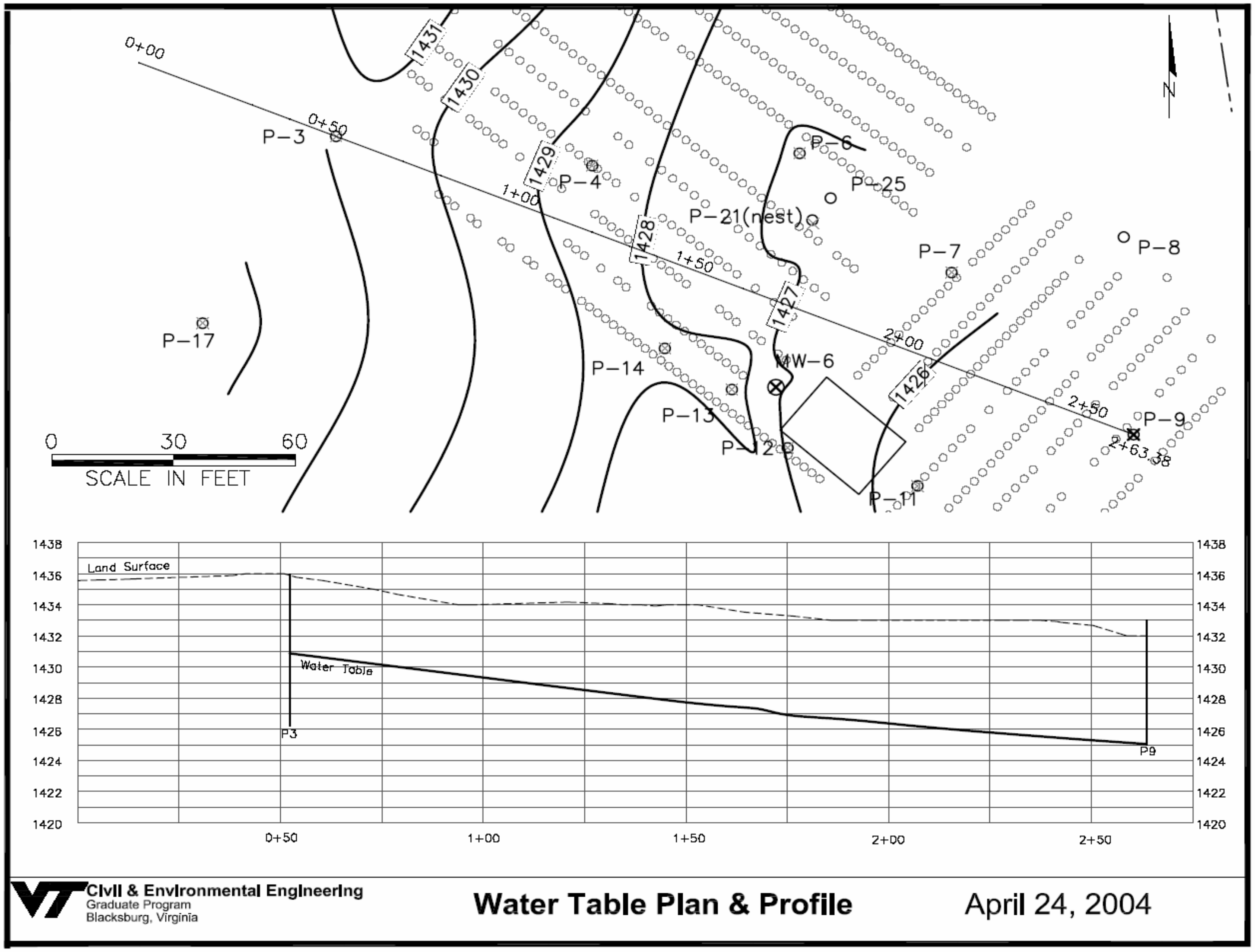

Figure C 10 Water table plan and profile, April 24, 2004.

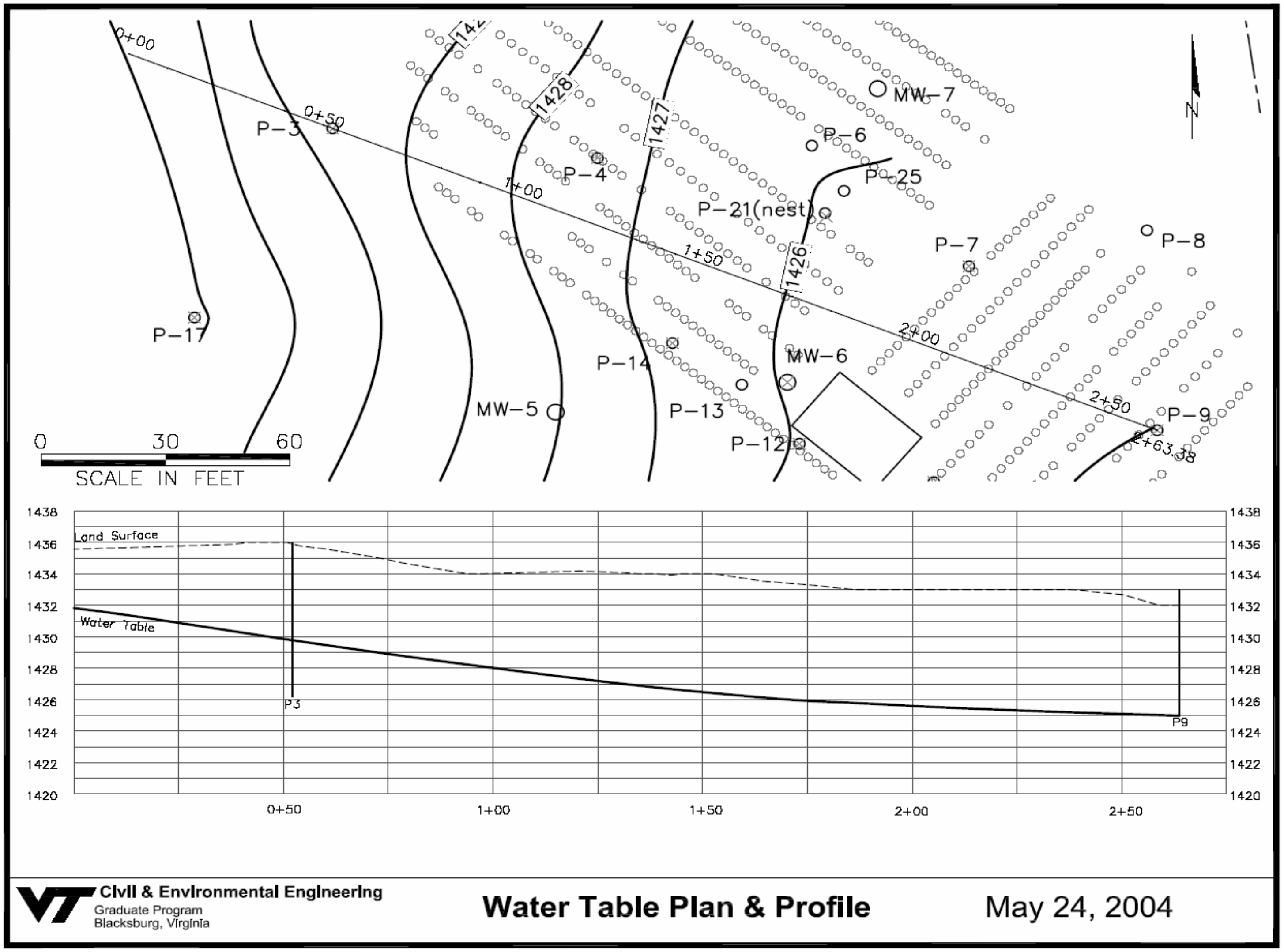

Figure C 11 Water table plan and profile, May 24, 2004.

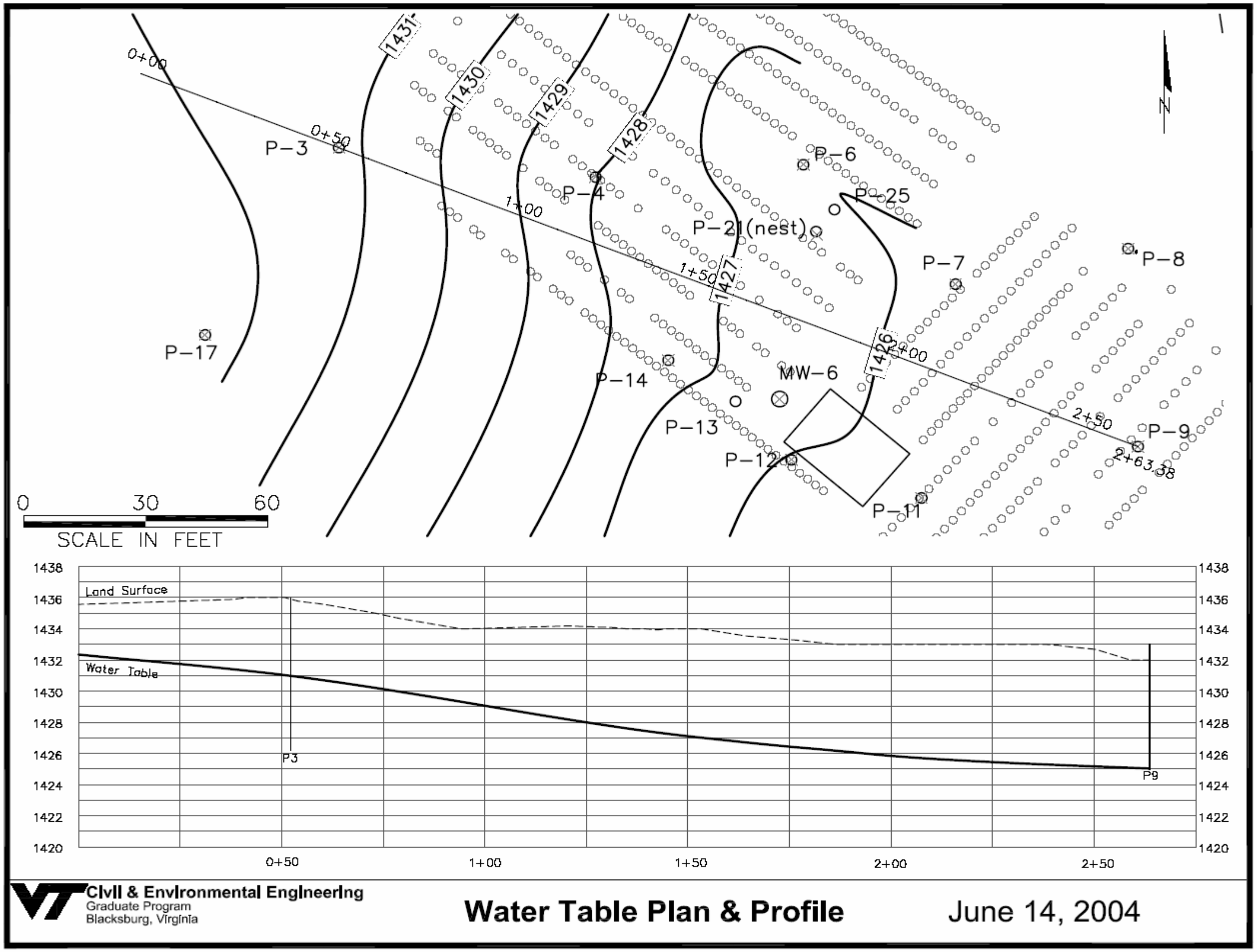

Figure C 12 Water table plan and profile, June 14, 2004.

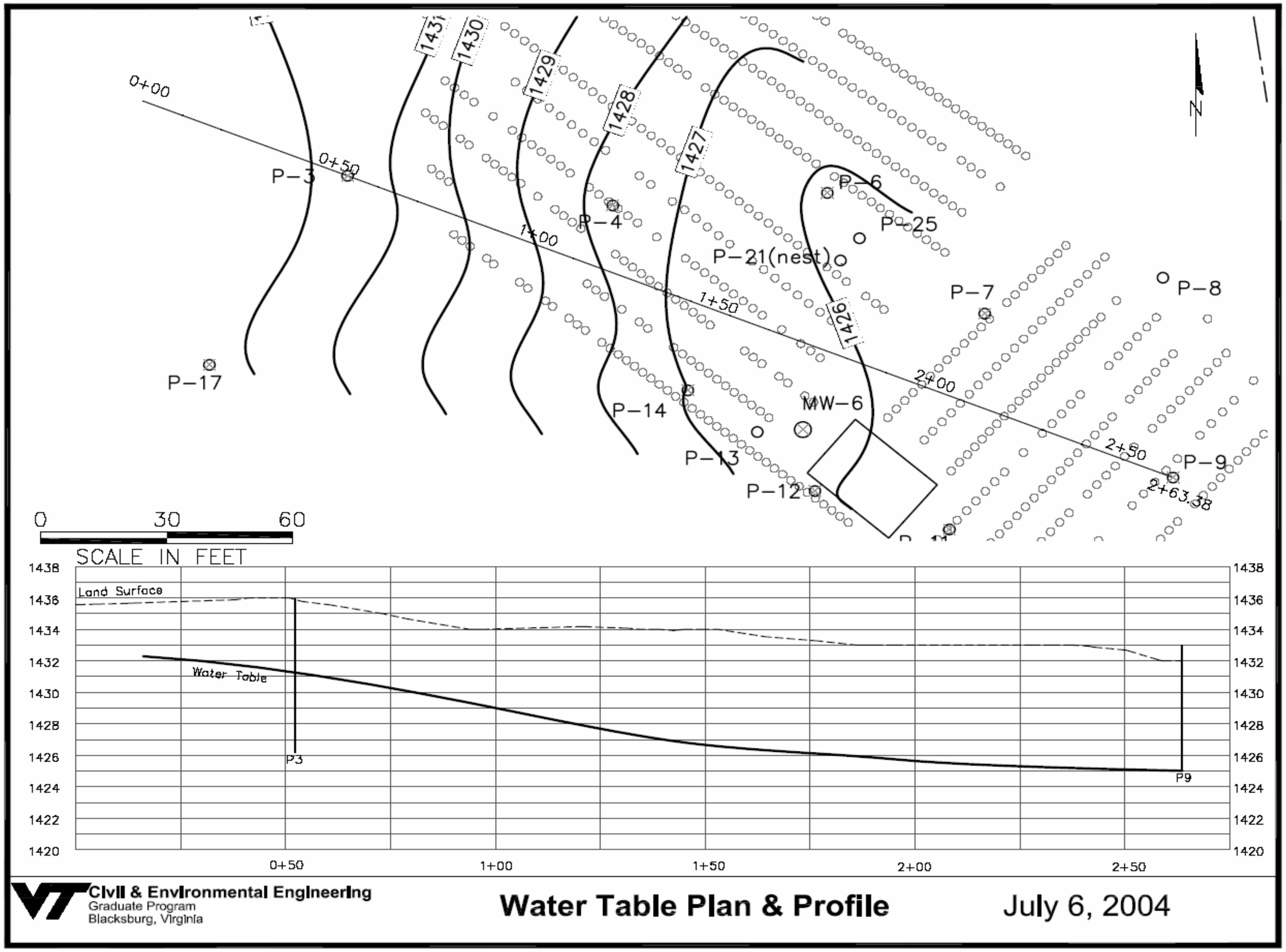

Figure C 13 Water table plan and profile, July 6, 2004.

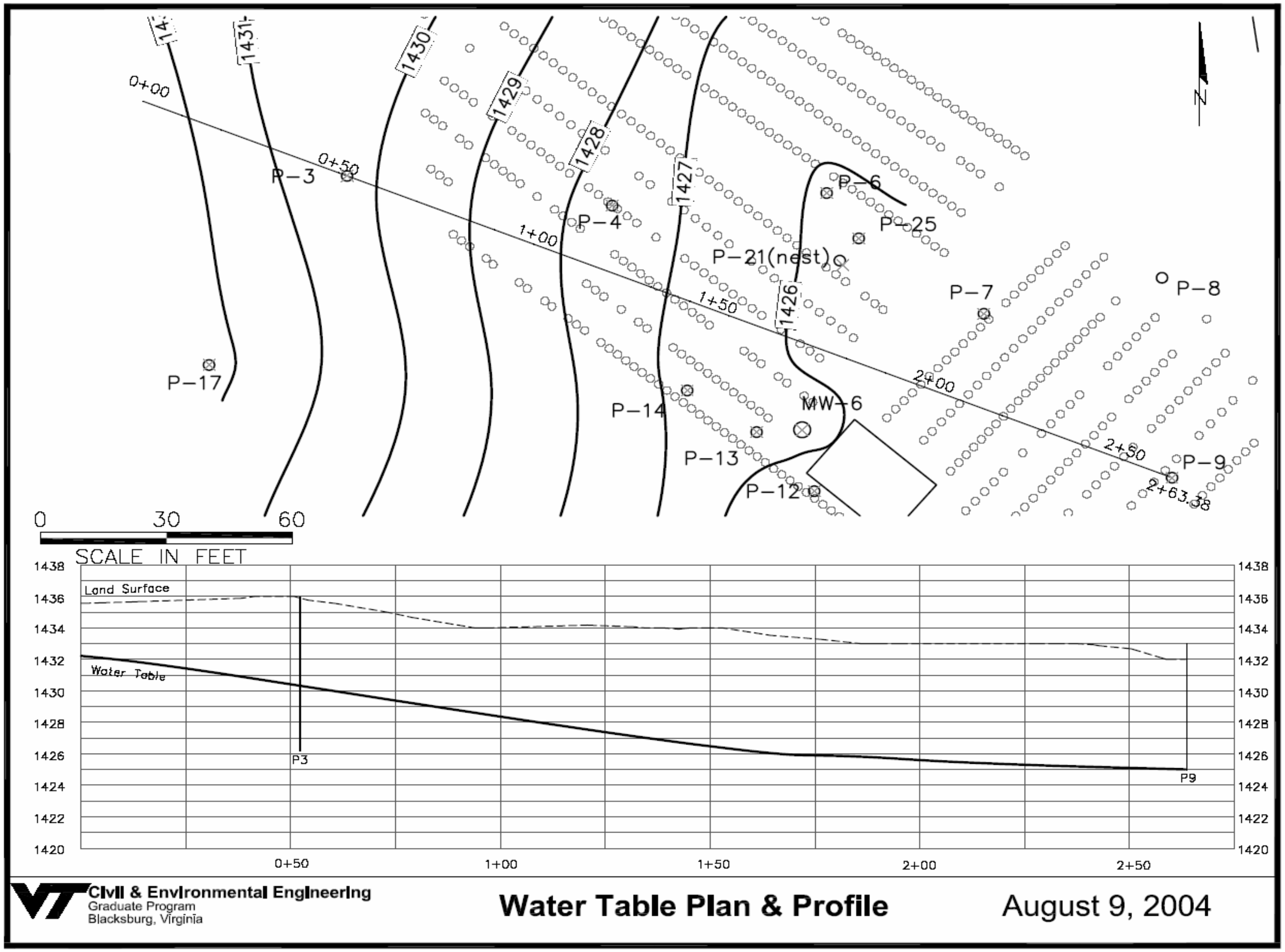

Figure C 14 Water table plan and profile, August 9, 2004.

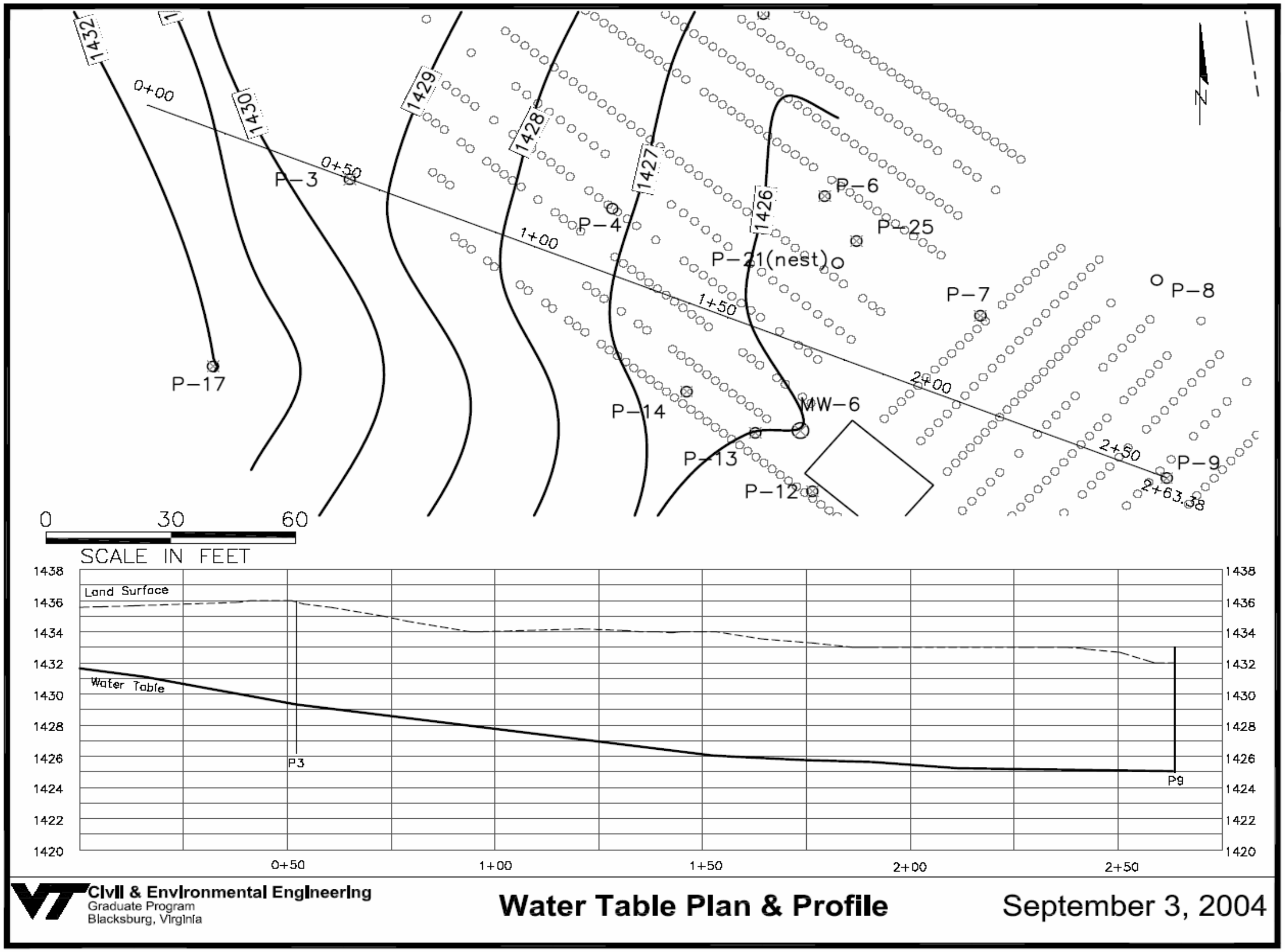

Figure C 15 Water table plan and profile, September 3, 2004.

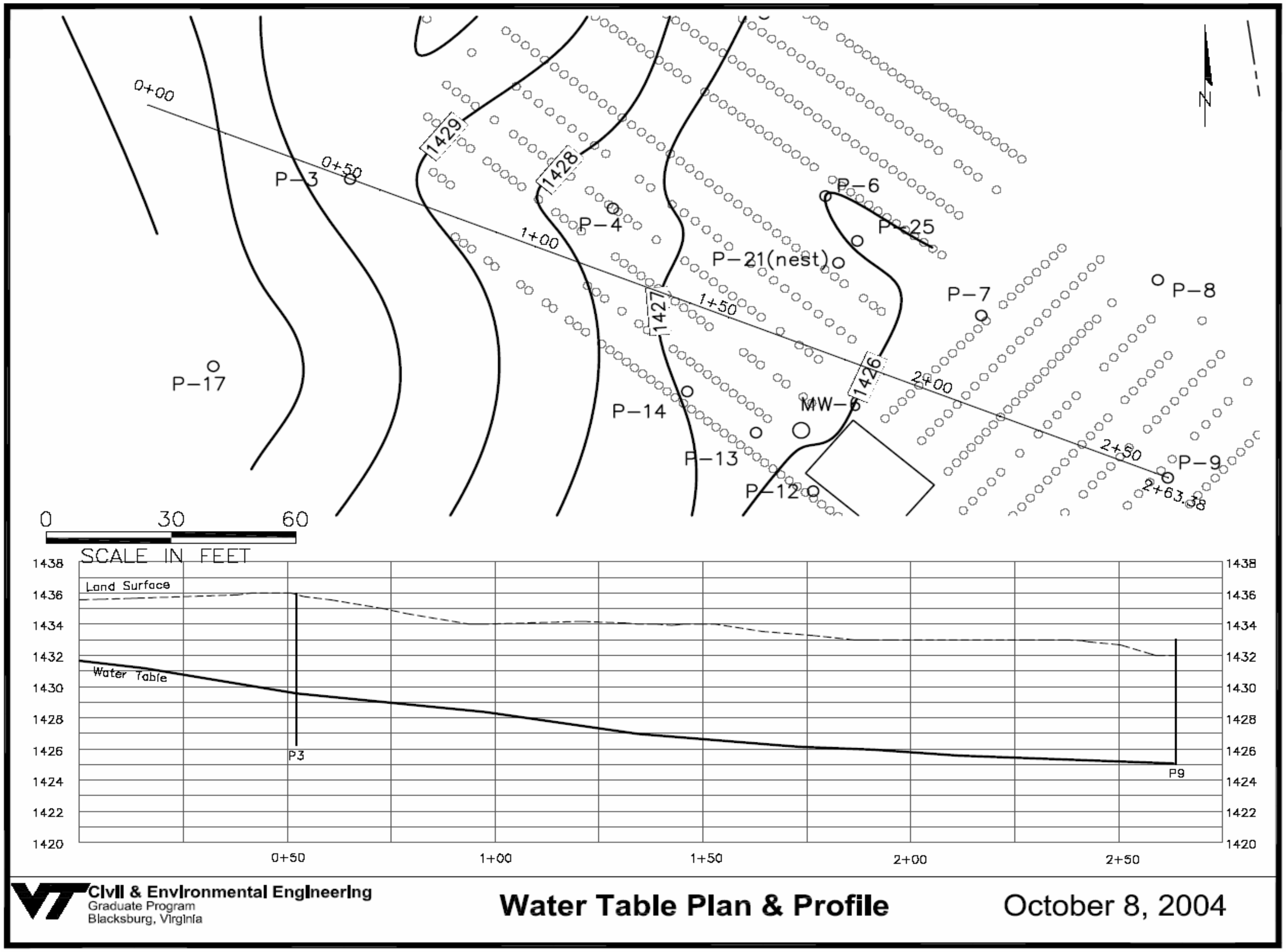

Figure C 16 Water table plan and profile, October 8, 2004.

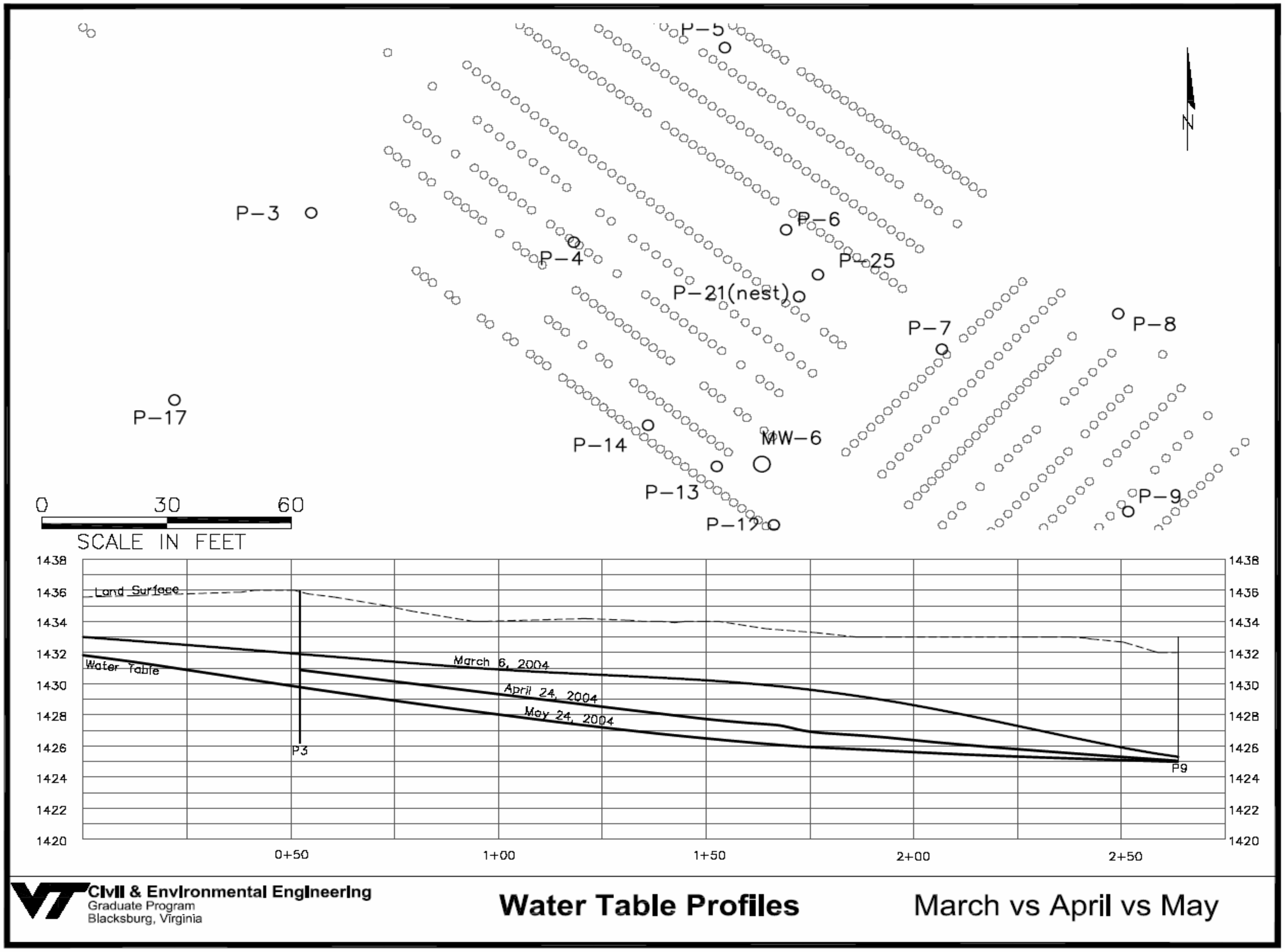

Figure C 17 Water table profile comparison: March 6th versus April 24th versus May 24th.

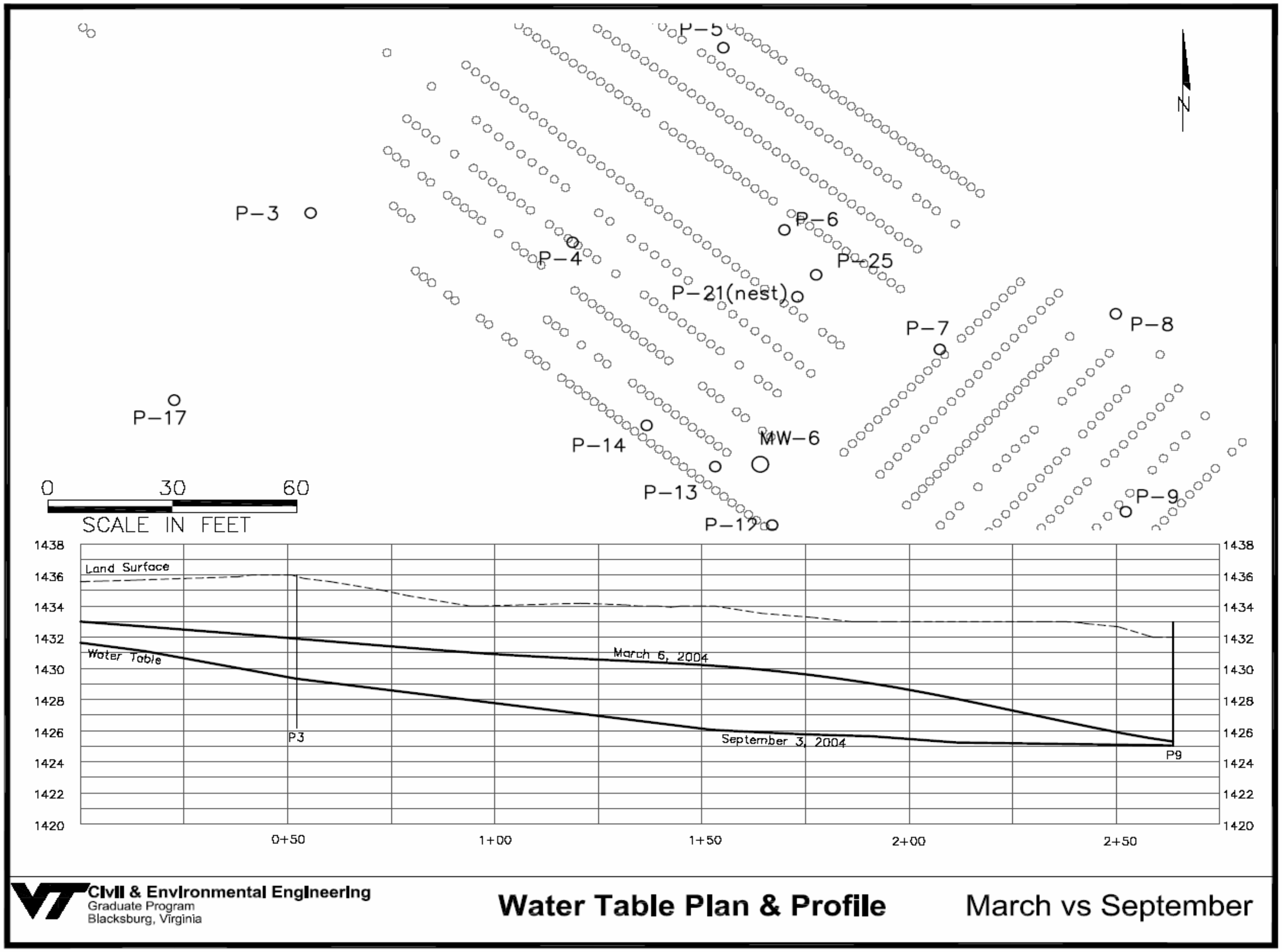

Figure C 18 Water table profile comparison: March 6th versus September 3rd.

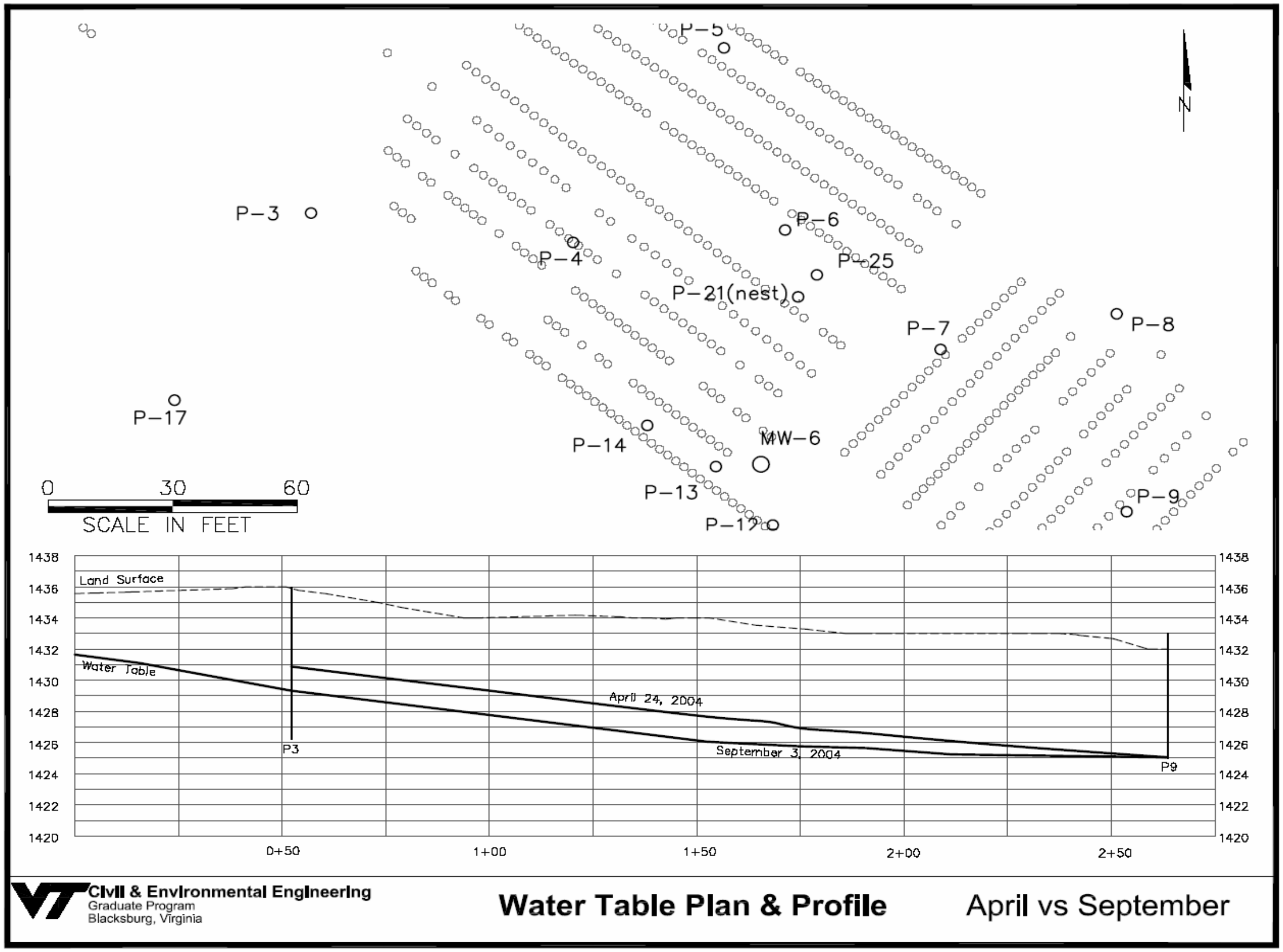

Figure C 19 Water table profile comparison: April 24th versus September 3rd.

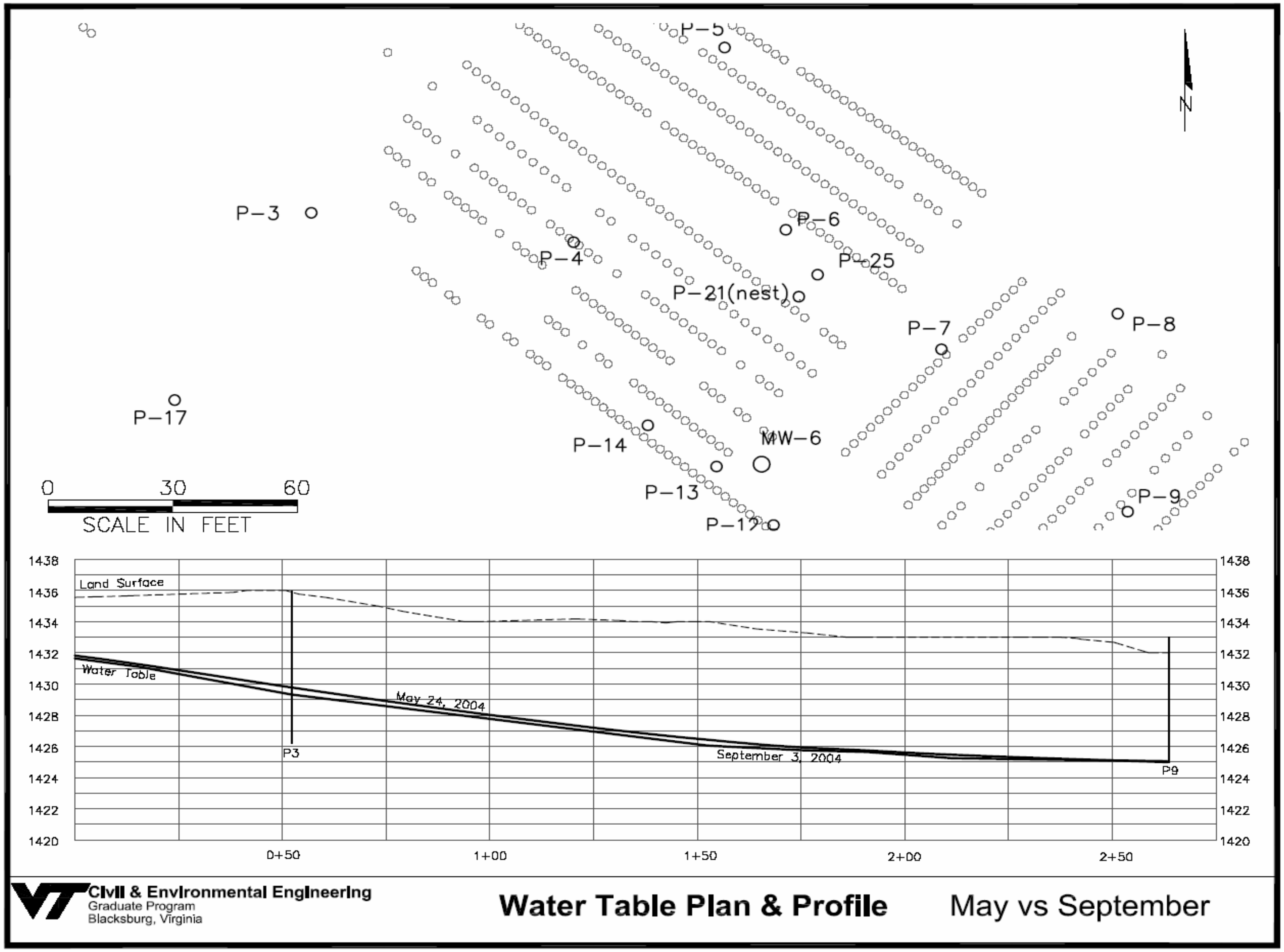

Figure C 20 Water table profile comparison: May 24th versus September 3rd.

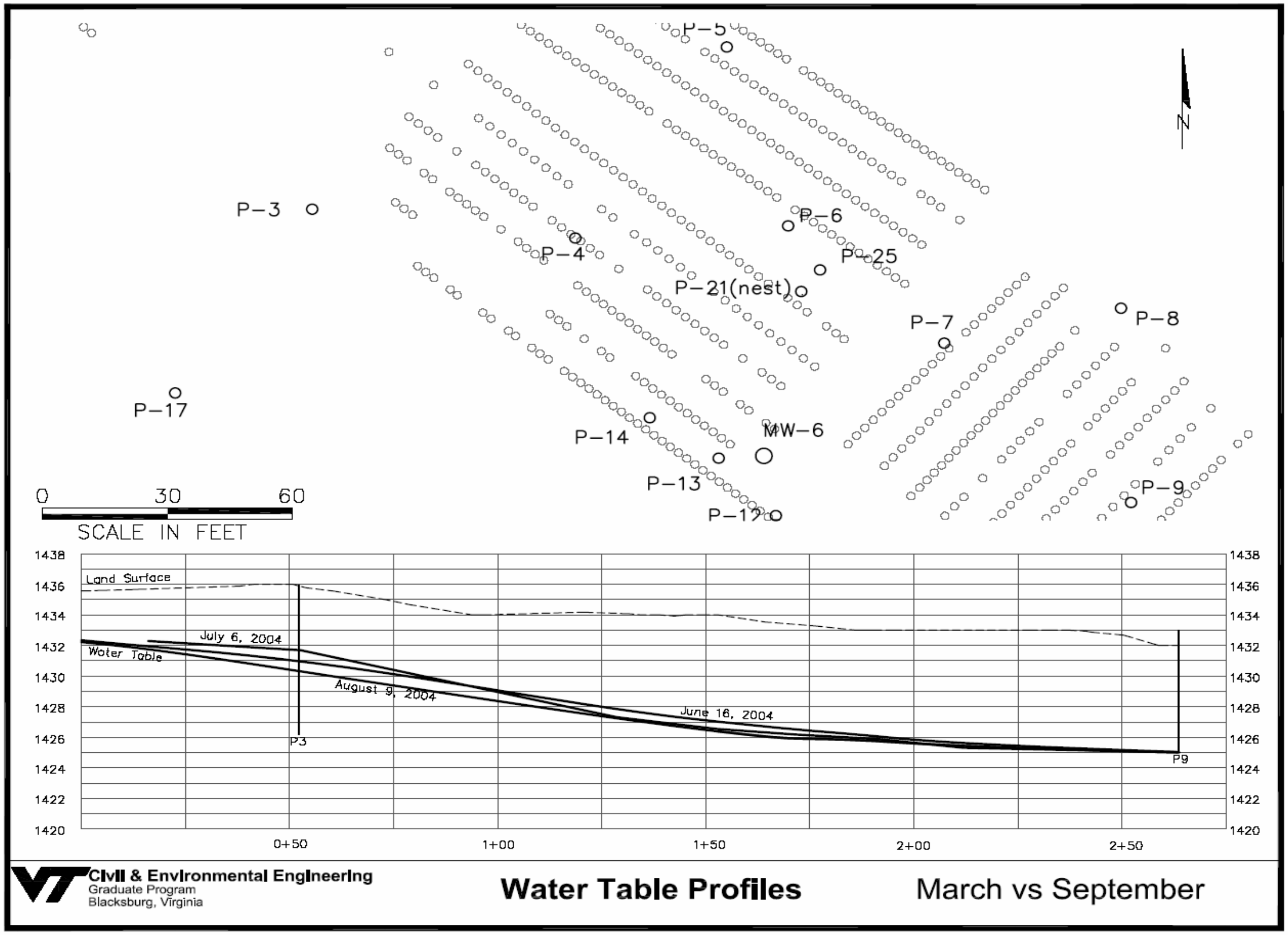

Figure C 21 Water table profile comparison: June 16th versus July 6th versus August 9th.

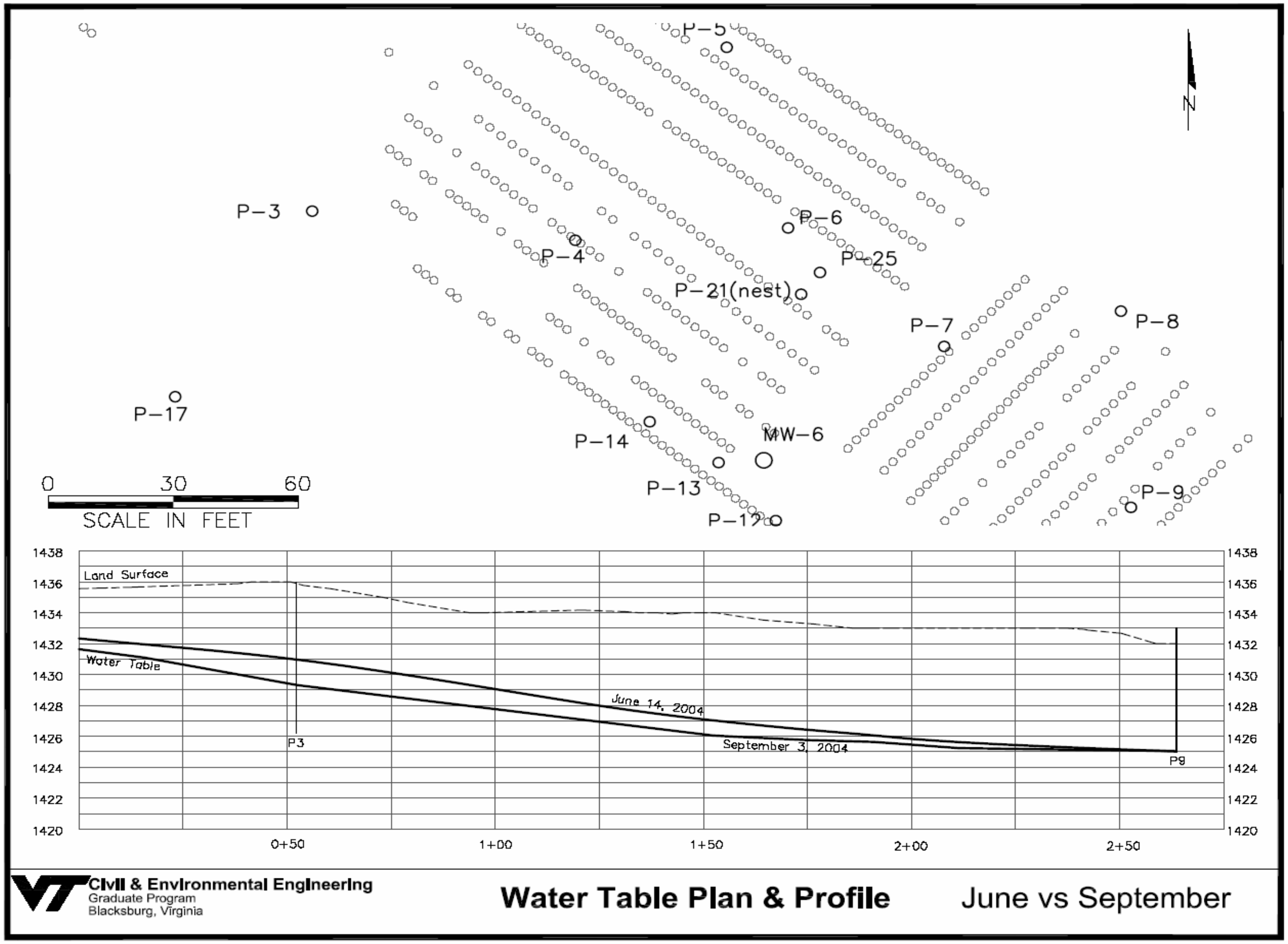

Figure C 22 Water table profile comparison: June 14th versus September 3rd.

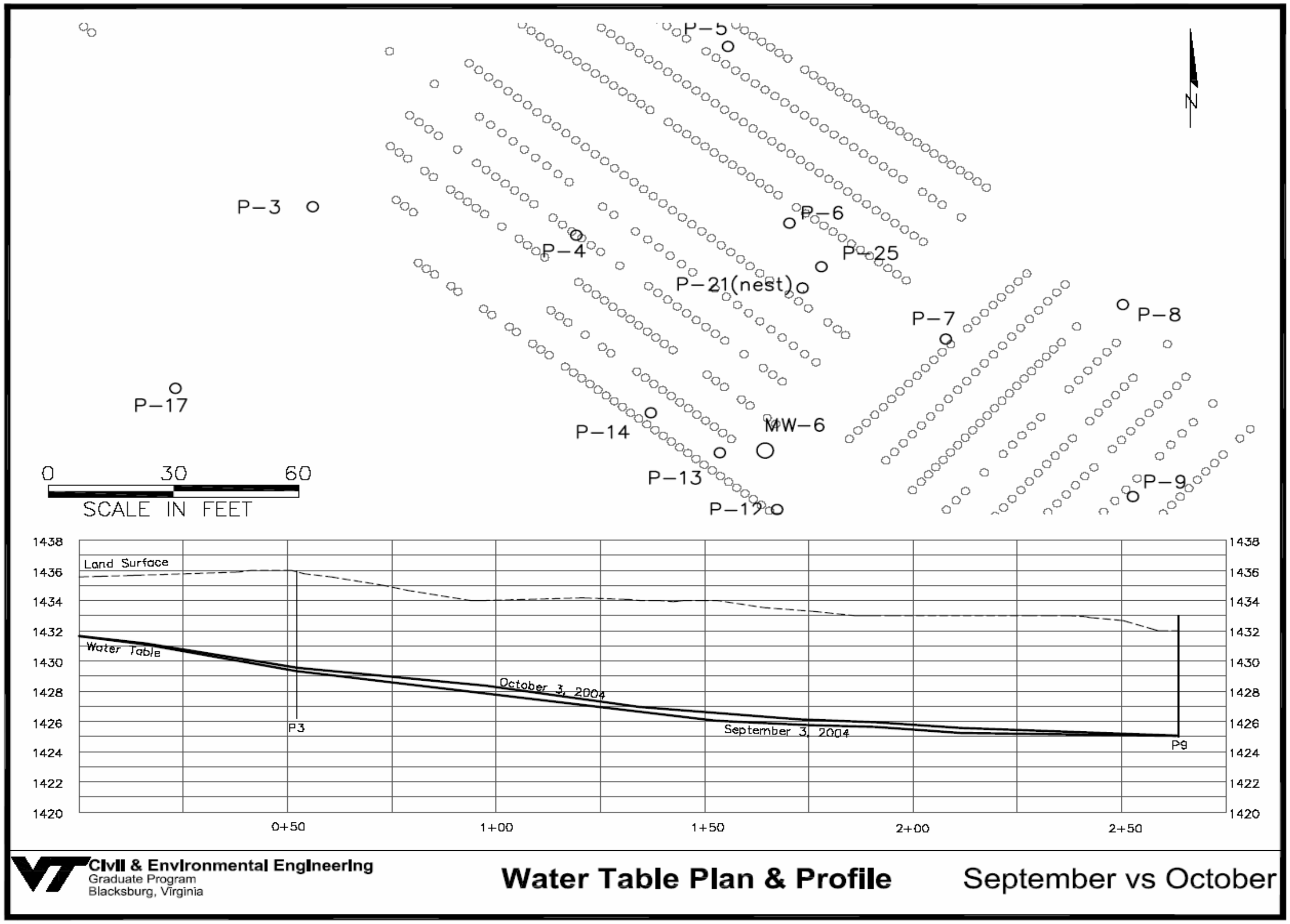

Figure C 23 Water table profile comparison, September 3rd versus October 3rd.