



Core holes located right or left of northbound  $\bar{L}$  have been superimposed on the profile at their true elevations.

This drawing shows the coal measures and the extent of recorded mining operations along the proposed route as compiled from information made available to the Pennsylvania Department of Highways by the mining companies.

Adjustments have been made to relate the various datums and stationings used by the coal companies to the datum and stationing on which this project is based.

Core borings were made at locations suggested for investigation of underlying strata by the apparent close proximity of mine workings to the grade line as shown on the mining drawings.

The hole locations are plotted on these profiles and the drillers' logs for the mine holes are presented with the roadway core boring logs in Appendix E of this report.

A comparison of the test boring results with the mine company information indicates that the mined-out seams investigated by coring have been reduced to insignificant vertical dimensions over the years by the normal processes of squeezing and rock fall.