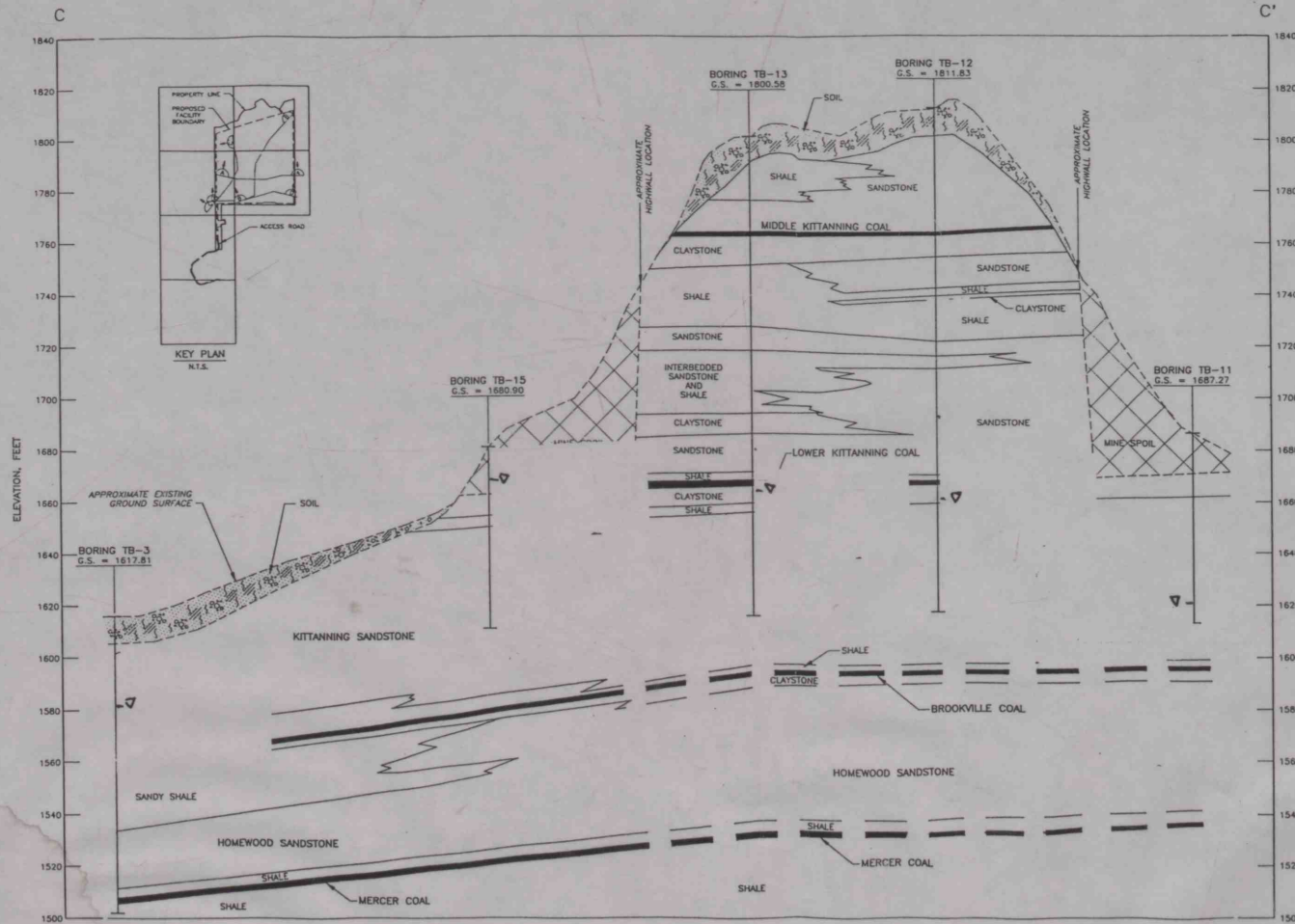




THE BORING LOGS AND RELATED INFORMATION DEPICT SUBSURFACE CONDITIONS ONLY AT THE SPECIFIC LOCATIONS AND DATES INDICATED. SOIL CONDITIONS AND WATER LEVELS AT OTHER LOCATIONS MAY DIFFER FROM CONDITIONS OCCURRING AT THESE BORING LOCATIONS. ALSO THE PASSAGE OF TIME MAY RESULT IN A CHANGE IN THE CONDITIONS AT THESE BORING LOCATIONS.

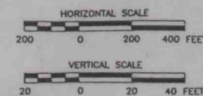
THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA INDICATED ON THE SECTIONS WERE GENERALIZED FROM AND INTERPOLATED BETWEEN THE TEST BORINGS. INFORMATION ON ACTUAL SUBSURFACE CONDITIONS EXISTS ONLY AT THE LOCATION OF THE TEST BORINGS AND IT IS POSSIBLE THAT SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.

NOTES:

1. CROSS-SECTION C-C' IS CONSTRUCTED BETWEEN BORINGS, THEREFORE DIPS DEPICTED ARE APPARENT.
2. SEE FIGURES 6-3 THROUGH 6-7A, (STRUCTURE CONTOUR BASE OF LOWER KITTANNING COAL MAPS) FOR LOCATION OF CROSS-SECTION C-C'.
3. LITHOLOGIC BOUNDARIES ARE INFERRED BETWEEN BORINGS.
4. ELEVATIONS ARE BASED ON MEAN SEA LEVEL.

**LEGEND:**

The diagram illustrates a vertical monitoring well. On the left, a vertical axis is labeled 'ELEVATION, FEET' with numerical markers at 0, 10, 20, and 30. Two points on this axis are marked with the date '(5/8/91)' and a downward arrow. The first point is at approximately 28 feet and is labeled 'HOMWOOD SANDSTONE AQUIFER WATER LEVEL AND DATE MEASURED'. The second point is at approximately 18 feet and is labeled 'KITTINGHAM SANDSTONE AQUIFER WATER LEVEL AND DATE MEASURED'. Between these two points, there is a section labeled 'MONITORING WELL SCREENED INTERVAL' with a vertical line containing several horizontal tick marks. Below this, there is a section labeled 'PROJECTED MONITORING WELL SCREENED INTERVAL' with a vertical line containing several horizontal tick marks. At the bottom of the well, there is a section labeled 'VERTICAL COMPONENT OF GROUNDWATER FLOW' with a vertical line containing several horizontal tick marks.



FORM 6

FIGURE 6-21

GEOLOGIC CROSS-SECTION C-C'  
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