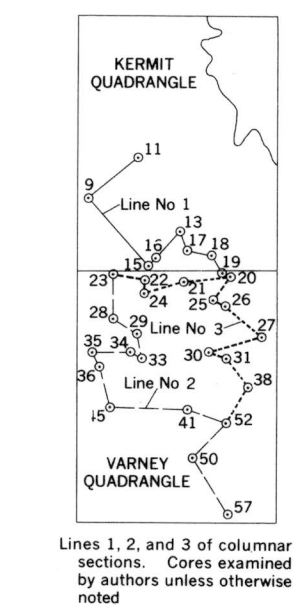
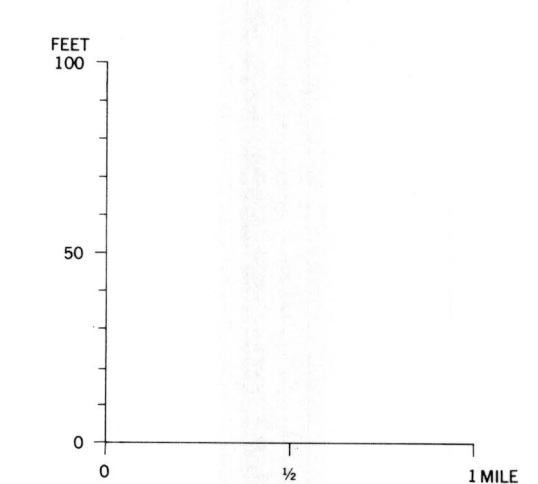


EXPLANATION

- | | | | | | | | |
|--|--|---|---|--|---------------------|--------------------------------|---|
| | | | | | | | |
| Sandstone
Contains angular fragments of shale, sandy limestone, or siderite | Sandstone, massive | Sandstone
Contains horizontal and inclined laminae composed of mica, siderite grains, and carbonaceous fragments | Sandstone
vt, very fine, f, fine, m, medium, c, coarse grains | Siltstone
Contains shale and very fine grained sandstone laminae, interbedded | Shale, calcareous | Coal, common banded | Fossil plants
Leaves and stems |
| | | | | | | | |
| Sandstone
Contains ironstone, coal, and shale or clay-gall pebbles | Sandstone, thin even beds | Sandstone, calcareous and sideritic | Sandstone, siltstone, and shale, interbedded
Even and ripple beds | Shale | Soil and loose rock | Limestone | Coal spars
Vitriolized trunks and stems or angular pieces of banded coal |
| | | | | | | | |
| Sandstone
Contains quartz, quartzite, and chert pebbles | Sandstone
Ripple-bedded with argillaceous laminae | Sandstone with thin parting of shale
Generally distorted or inclined bedding | Siltstone
Contains siltstone and very fine grained sandstone laminae | Shale
Contains siltstone and very fine grained sandstone laminae | Ironstone nodules | Root and rootlets
Seat rock | Root and rootlets
Seat rock |
| | | | | | | | |
| Lingulids and orbiculoids | Burrows | Pelecypods and gastropods | Calcareous brachiopods and crinoid stems | Brecciated, faulted, folded, twisted, and inclined laminations due to slump on squeeze | | | |



Lines 1, 2, and 3 of columnar sections. Cores examined by authors unless otherwise noted.

COLUMNAR SECTIONS ALONG LINE 3 OF PENNSYLVANIAN ROCKS ABOVE THE TAYLOR COAL BED IN THE NORTHERN AND EASTERN PARTS OF THE VARNEY QUADRANGLE, KENTUCKY