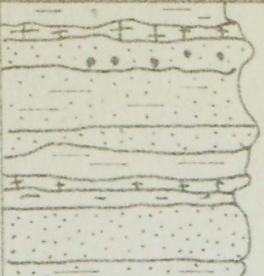
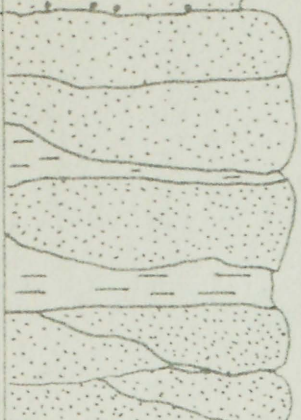
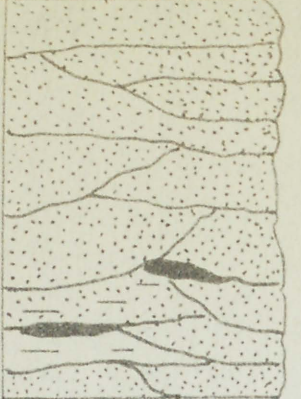
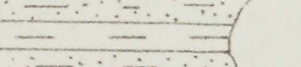
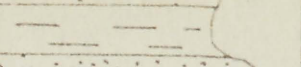
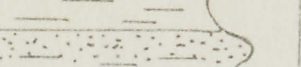
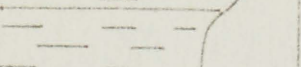
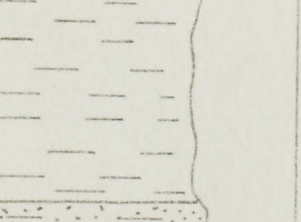
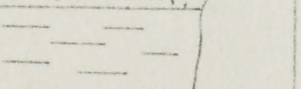
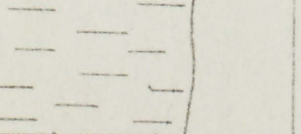
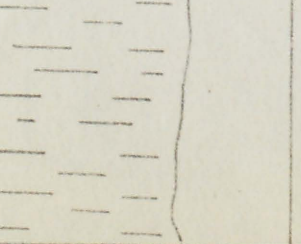


| System                             | Thickness<br>in<br>feet                  | SECTION                                                                             | GROUP, FORMATION<br>and MEMBER                             |  | KIND OF ROCK                                                                                                                                                                 |
|------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UPPER<br>CRETACEOUS<br>to TERTIARY | 665                                      |    | North Horn and<br>Flagstaff formations<br>undifferentiated |  | Conglomerate, sandstone,<br>siltstone, mudstone and<br>argillaceous, cherty and<br>fossiliferous limestones.                                                                 |
|                                    | 210                                      |    | PRICE RIVER formation,<br>Bluecastle<br>member             |  | Sandstone, medium to coarse<br>grained, light grey.<br>Mudstone, medium grey.                                                                                                |
|                                    | 366                                      |   | PRICE RIVER formation,<br>Unnamed<br>member                |  | Sandstone, fine-grained,<br>yellow to buff. Siltstone<br>and mudstone, medium grey,<br>thinly laminated.                                                                     |
| UPPER<br>CRETACEOUS                | 210                                      |  | CASTLE GATE<br>sandstone                                   |  | Sandstone, fine to medium<br>grained, light grey.<br>Siltstone and mudstone,<br>medium grey, thinly laminated.<br>Thin lenses of coal.                                       |
|                                    | 160                                      |  | Unnamed<br>non-marine<br>member                            |  | Sandstone, very fine grained<br>light grey. Siltstone and<br>mudstone, carbonaceous, lam-<br>inated. Silty limestone,<br>medium grey, fossiliferous.<br>Thin lenses of coal. |
|                                    | 105                                      |  | Sunnyside<br>member of<br>Young (1955)                     |  | Sunnyside coal seams.<br>Sandstone, very fine to fine-<br>grained, buff colored, grad-<br>ing down into siltstone and<br>mudstone.                                           |
|                                    | 10                                       |  | Mancos sh. 5                                               |  | Similar to Mancos sh. 3                                                                                                                                                      |
|                                    | 110                                      |  | Non-marine<br>tongue                                       |  | Sandstone, very fine grained,<br>siltstone, mudstone and coal<br>lenses.                                                                                                     |
|                                    | 125                                      |  | Upper<br>Marine<br>tongue                                  |  | Sandstone, very fine to<br>fine-grained, grading down<br>to siltstone and mudstone.                                                                                          |
|                                    | 25                                       |  | Mancos sh 4                                                |  | Similar to Mancos sh. 3                                                                                                                                                      |
|                                    | 55                                       |  | Middle<br>marine<br>tongue                                 |  | Sandstone, very fine<br>grained, grading down to<br>mudstone.                                                                                                                |
|                                    | 35                                       |  | Mancos sh 3                                                |  | Mudstone, mottled, contains<br>plant impressions.                                                                                                                            |
|                                    | 22                                       |  | Lower marine<br>tongue                                     |  | Siltstone and mudstone.                                                                                                                                                      |
|                                    | 130                                      |  | Mancos shale<br>2                                          |  | Normal Mancos shale                                                                                                                                                          |
|                                    | 12                                       |  | Upper<br>tongue                                            |  | Siltstone, calcareous.                                                                                                                                                       |
|                                    | 110                                      |  | Mancos sh.1                                                |  | Normal Mancos shale                                                                                                                                                          |
|                                    | 14                                       |  | Lower<br>tongue                                            |  | Siltstone, calcareous.                                                                                                                                                       |
|                                    | 4,700<br>to<br>5,000<br>(Clark,<br>1923) |  | Mancos shale                                               |  | Mudstone, and shale, light<br>grey, thinly laminated.                                                                                                                        |

STRATIGRAPHIC SECTION AT WHITMORE  
CANYON, SUNNYSIDE, UTAH