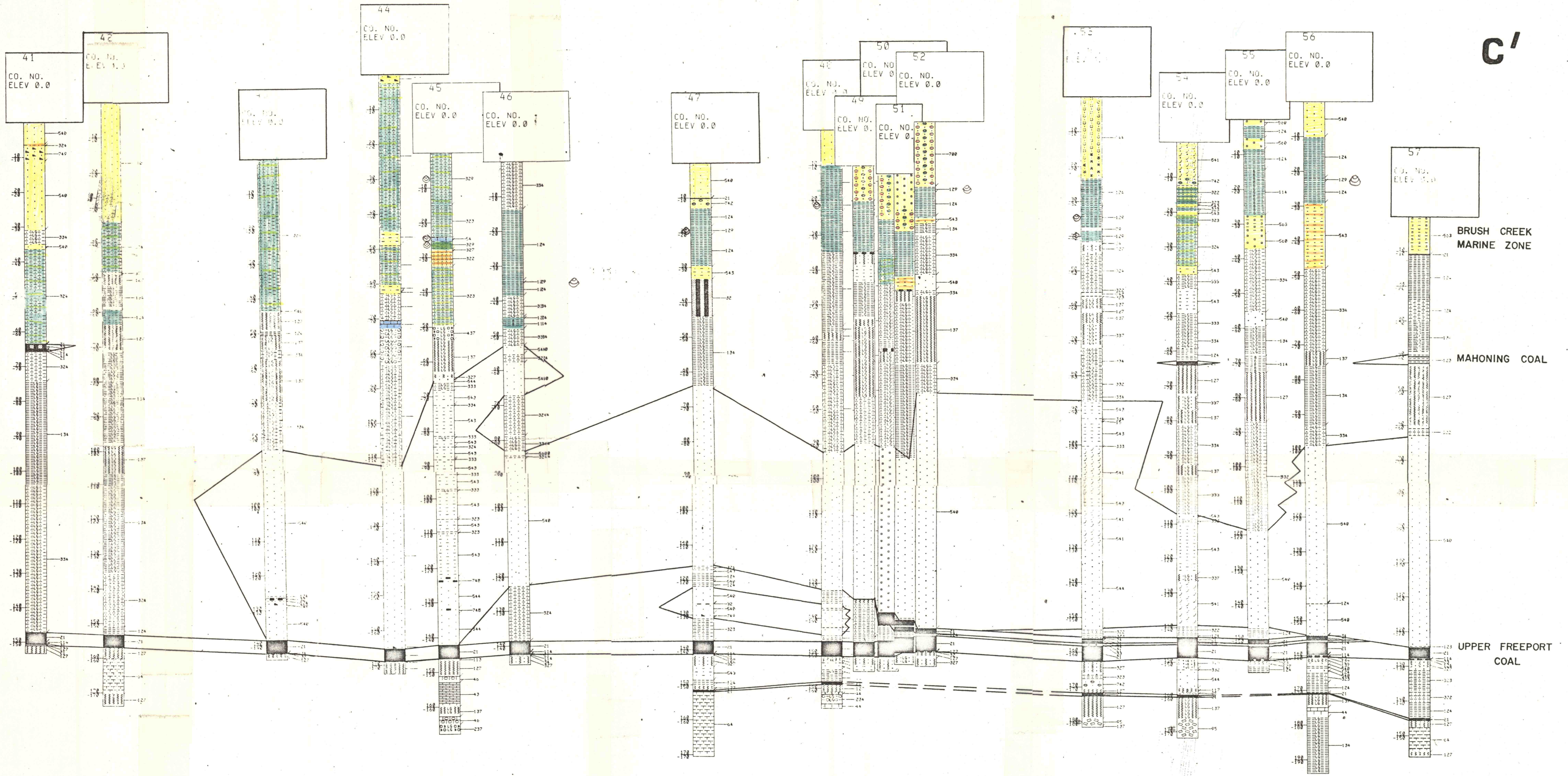


C

C'



EXPLANATION

- |   |   |   |  |
|---|---|---|--|
| 2 OPEN SPACE OR CREVICE                           | 96 MODULAR FLINT CLAY                     | 734 LT GRAY GREEN SHALE W/LIMESTONE NODULES               | 437 GRAY GREEN SANDY FIRE CLAY W/LIMESTONE NODULES |
| 14 SLUMPED SANDY SHALE                            | 113 BLACK SHALE W/COAL STREAKS            | 237 LT GRAY GREEN FIRE CLAY W/LIMESTONE NODULES           | 540 GRAY SANDSTONE                                 |
| 15 SLUMPED SANDSTONE                              | 114 BLACK SHALE                           | 322 DK GRAY INTERBEDDED SANDSTONE AND SHALE               | 541 CROSSBEDDED GRAY SANDSTONE                     |
| 19 SANDSTONE MIDFLOW                              | 117 BLACK FIRE CLAY                       | 323 DK GRAY SHALE W/SANDSTONE STREAKS                     | 543 GRAY SANDSTONE W/SHALE STREAKS                 |
| 20 COAL   | 123 DK GRAY SHALE W/COAL STREAKS          | 324 DK GRAY MASSIVE SANDY SHALE                           | 547 ROOTED GRAY SANDSTONE                          |
| 22 COAL LAYERED W/BONE                            | 124 DK GRAY SHALE                         | 327 DK GRAY SANDY FIRE CLAY                               | 640 CARBONATE CEMENTED GRAY SANDSTONE              |
| 30 IMPURE COAL                                    | 127 DK GRAY FIRE CLAY                     | 332 LT GRAY GREEN INTERBEDDED SANDSTONE AND SHALE         | 742 SHALE AND/OR IRONSTONE PEBBLE CONGLOMERATE     |
| 32 BONE STREAKED W/COAL                           | 134 LT GRAY GREEN SHALE                   | 333 LT GRAY GREEN SHALE W/SANDSTONE STREAKS               | 744 GRAY SHALE PEBBLE CONGLOMERATE                 |
| 34 BONE   | 137 LT GRAY GREEN FIRE CLAY               | 338 LT GRAY GREEN MASSIVE SANDY SHALE                     | 748 GRAY SANDSTONE W/COAL BANDS                    |
| 44 MASSIVE FINE GRAINED LIMESTONE                 | 154 RED AND GREEN SHALE                   | 335 LT GRAY GREEN CHURKED SANDY SHALE                     | 749 GRAY SANDSTONE W/COAL SPARS                    |
| 66 FINE GRAINED SHALEY LIMESTONE W/LIMESTONE NODS | 157 RED AND GREEN CLAYSTONE               | 337 LT GRAY GREEN SANDY FIRE CLAY                         |  |
| 74 MASSIVE IRONSTONE                              | 164 RED SHALE                             | 427 DK GRAY SANDY FIRE CLAY W/LIMESTONE NODULES           | FOSSIL SHELLS                                      |
| 90 FLINT CLAY                                     | 224 DK GRAY SHALE W/LIMESTONE NODULES     | 434 LT GRAY GREEN MASSIVE SANDY SHALE W/LIMESTONE NODULES |  |
| 95 BRECCIATED FLINT CLAY                          | 227 DK GRAY FIRE CLAY W/LIMESTONE NODULES |   |  |

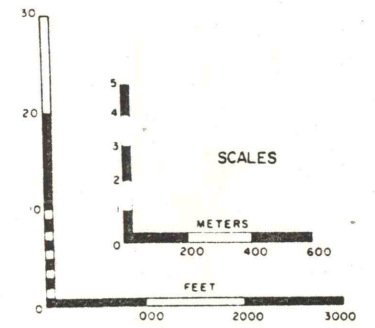


PLATE 4  
CROSS SECTION C-C'