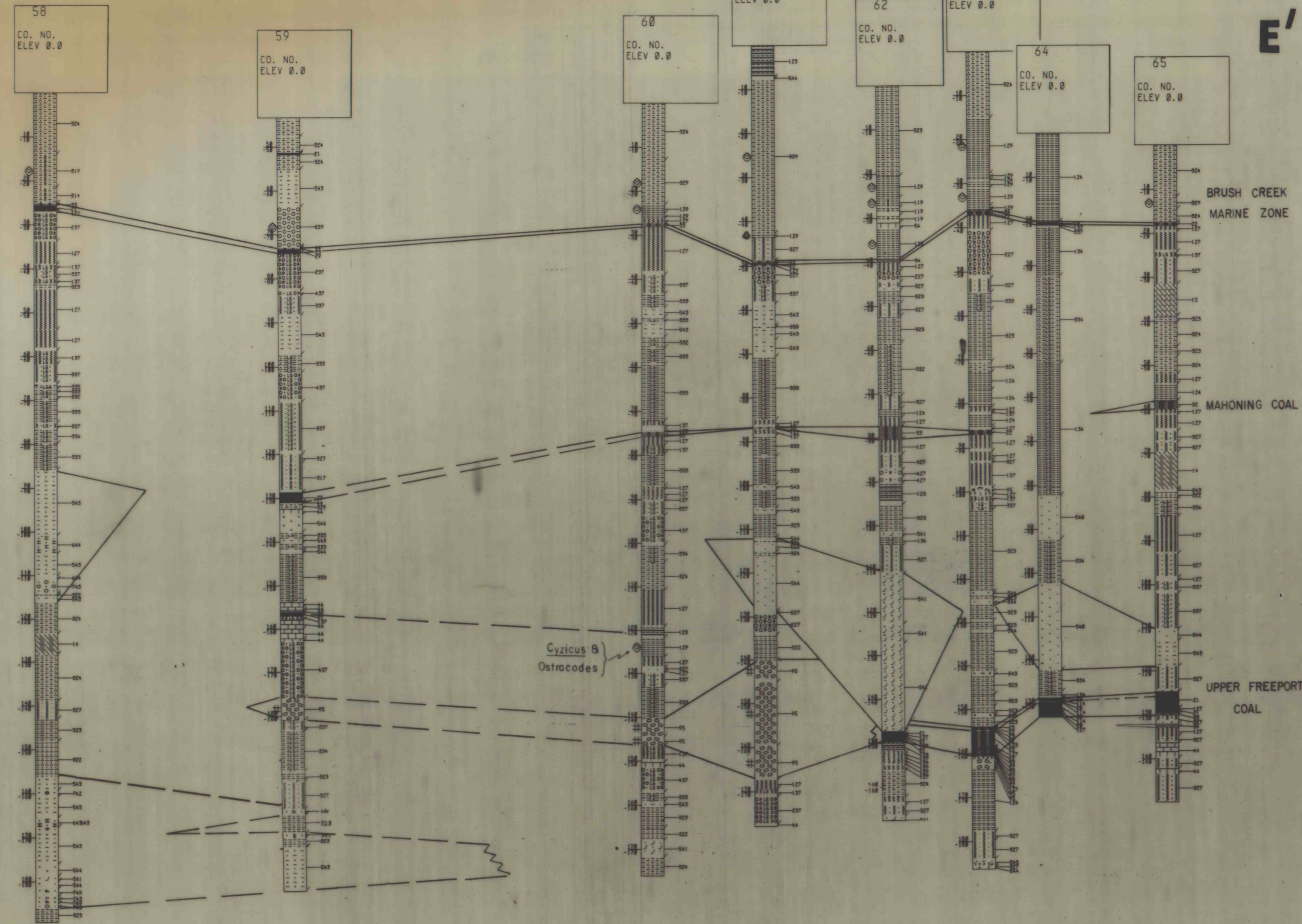


E



EXPLANATION

2 OPEN SPACE OR CREVICE	96 MODULAR FLINT CLAY	234 LT GRAY GREEN SHALE W/LIMESTONE NODULES	437 GRAY GREEN SANDY FIRE CLAY W/LIMESTONE NODULES
14 SLUMPED SANDY SHALE	133 BLACK SHALE W/COAL STREAKS	237 LT GRAY GREEN FIRE CLAY W/LIMESTONE NODULES	540 GRAY SANDSTONE
15 SLUMPED SANDSTONE	134 BLACK SHALE	322 DK GRAY INTERBEDDED SANDSTONE AND SHALE	541 CROSSBEDDED GRAY SANDSTONE
19 SANDSTONE MUDFLOW	137 BLACK FIRE CLAY	323 DK GRAY SHALE W/SANDSTONE STREAKS	542 GRAY SANDSTONE W/SHALE STREAKS
20 COAL	123 DK GRAY SHALE W/COAL STREAKS	324 DK GRAY MASSIVE SANDY SHALE	543 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	329 LT GRAY GREEN INTERBEDDED SANDSTONE AND SHALE	744 SHALE AND/OR LIMESTONE PEBBLE CONGLOMERATE
33 BONE STREAKED W/COAL	134 LT GRAY GREEN SHALE	332 LT GRAY GREEN SHALE W/SANDSTONE STREAKS	742 GRAY SHALE PEBBLE CONGLOMERATE
34 BONE	137 LT GRAY GREEN FIRE CLAY	334 LT GRAY GREEN MASSIVE SANDY SHALE	744 GRAY QUARTZ PEBBLE CONGLOMERATE
44 MASSIVE FINE GRAINED LIMESTONE	154 RED AND GREEN SHALE	335 LT GRAY GREEN CHURNED SANDY SHALE	748 GRAY SANDSTONE W/COAL BANDS
66 FINE GRAINED SHALEY LIMESTONE W/LIMESTONE NODS	157 RED AND GREEN CLAYSTONE	337 LT GRAY GREEN SANDY FIRE CLAY	749 GRAY SANDSTONE W/COAL SPARS
74 MASSIVE SANDSTONE	164 RED SHALE	427 DK GRAY SANDY FIRE CLAY W/LIMESTONE NODULES	
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		

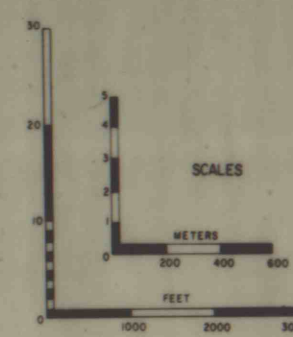
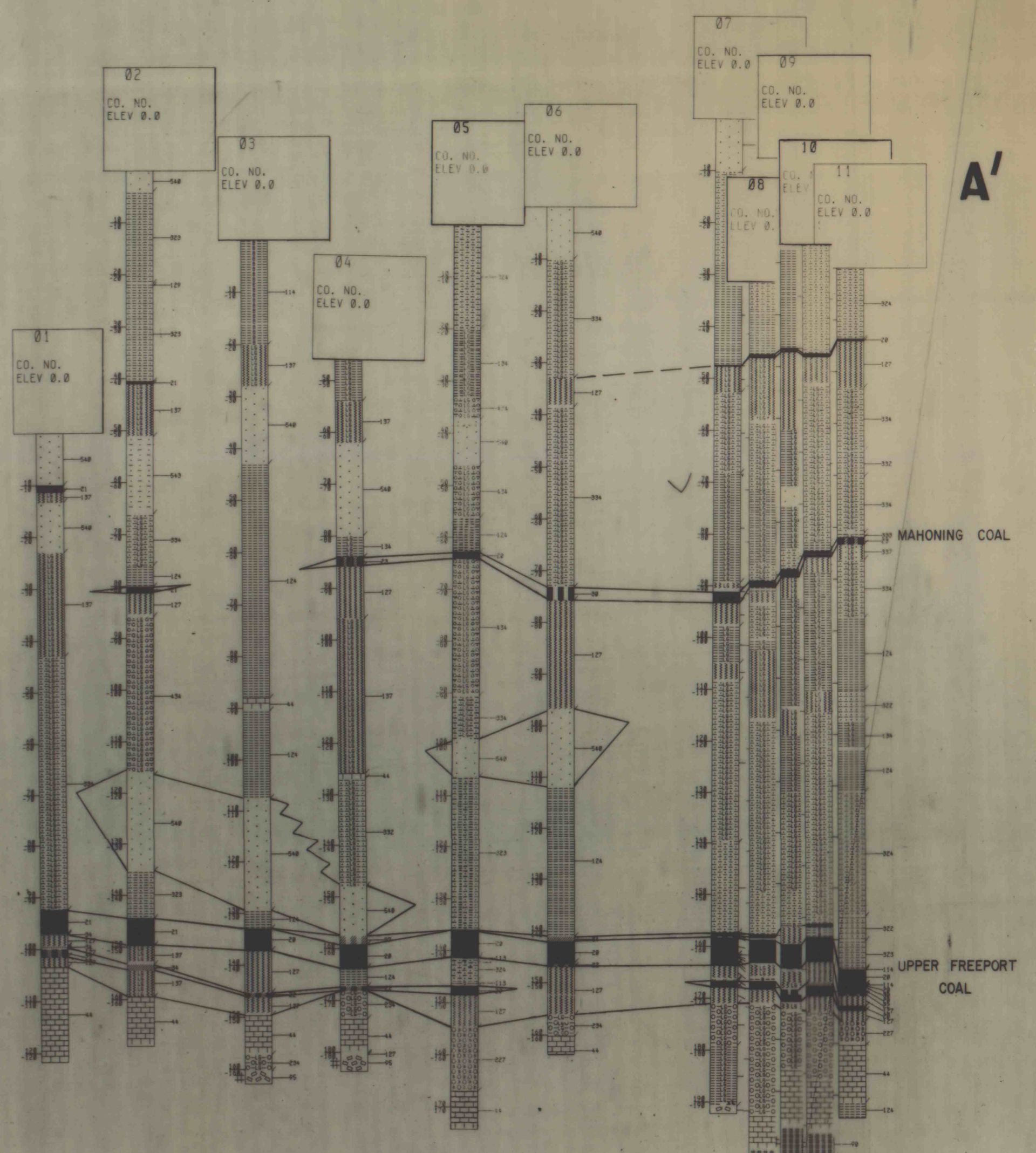


PLATE 8
CROSS SECTION E-E'

E'

A



EXPLANATION

2 OPEN SPACE OR CREVICE	96 MODULAR FLINT CLAY	234 LT GRAY GREEN SHALE W/LIMESTONE NODULES	437 GRAY GREEN SANDY FIRE CLAY W/LIMESTONE NODULES
14 SLUMPED SANDY SHALE	133 BLACK SHALE W/COAL STREAKS	237 LT GRAY GREEN FIRE CLAY W/LIMESTONE NODULES	540 GRAY SANDSTONE
15 SLUMPED SANDSTONE	134 BLACK SHALE	322 DK GRAY INTERBEDDED SANDSTONE AND SHALE	541 CROSSBEDDED GRAY SANDSTONE
19 SANDSTONE MUDFLOW	137 BLACK FIRE CLAY	323 DK GRAY SHALE W/SANDSTONE STREAKS	542 GRAY SANDSTONE W/SHALE STREAKS
20 COAL	123 DK GRAY SHALE W/COAL STREAKS	324 DK GRAY MASSIVE SANDY SHALE	543 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	329 LT GRAY GREEN INTERBEDDED SANDSTONE AND SHALE	744 SHALE AND/OR LIMESTONE PEBBLE CONGLOMERATE
33 BONE STREAKED W/COAL	134 LT GRAY GREEN SHALE	332 LT GRAY GREEN SHALE W/SANDSTONE STREAKS	742 GRAY SHALE PEBBLE CONGLOMERATE
34 BONE	137 LT GRAY GREEN FIRE CLAY	334 LT GRAY GREEN MASSIVE SANDY SHALE	744 GRAY QUARTZ PEBBLE CONGLOMERATE
44 MASSIVE FINE GRAINED LIMESTONE	154 RED AND GREEN SHALE	335 LT GRAY GREEN CHURNED SANDY SHALE	748 GRAY SANDSTONE W/COAL BANDS
66 FINE GRAINED SHALEY LIMESTONE W/LIMESTONE NODS	157 RED AND GREEN CLAYSTONE	337 LT GRAY GREEN SANDY FIRE CLAY	749 GRAY SANDSTONE W/COAL SPARS
74 MASSIVE SANDSTONE	164 RED SHALE	427 DK GRAY SANDY FIRE CLAY W/LIMESTONE NODULES	
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		

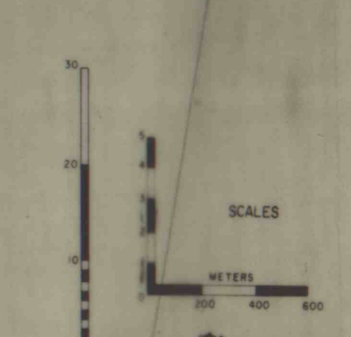


PLATE 2
CROSS SECTION A-A'