

SAMPLE LOG

DRILL HOLE: W. Devlin #19
PROP. OWNER: William Devlin
DRILL CONTRACTOR: V-W-B Drilling
DRILL OPERATOR: Bill Billman
DATE STARTED: 11/26/79
CASING LEFT IN HOLE:

LOC:

LOGGED BY: MRG
ELEV: 852' surveyed
DATE COMPLETED: 11/27/79
TOTAL DEPTH: 302'

- 30 - 40 - Limestone, gray, massive crystalline, Favosities, Syringoponce?
- 40 - 50 - Shale, black, silty, calcareous 50%; shale, gray, silty, calcareous, carbonaceous 25%; limestone, light gray, crystalline, fossil fragments 25%
- 50 - 60 - Limestone, gray to brown, crystalline, fossil fragments
- 60 - 70 - Shale, black, silty, calcareous 40%; shale, gray, silty, calcareous 30%; limestone, brown, silty 30%
- 70 - 80 - Shale, gray, silty, local replacement of carbonaceous material by pyrite
- 80 - 130 - Shale, gray, silty, carbonaceous, trace of pyrite
- 130 - 140 - Shale, gray, silty, carbonaceous 95%; siltstone, brown, uniform 5%
- 140 - 150 - Shale, black, limey, very calcareous, silty, trace of pyrite 60%; shale, gray, silty 40%
- 150 - 160 - Shale, black, limey, very calcareous, silty, trace of pyrite 50%; shale, gray, silty, calcareous, trace of pyrite 50%
- 160 - 170 - Shale, black, limey, very calcareous, trace of pyrite 70%; shale, gray, silty, 20%; limestone, gray, silty 10%
- 170 - 177 - Shale, gray, silty, carbonaceous, trace of pyrite 50%; sandstone, gray, trace of brown, fine grained, micaceous and carbonaceous 50%
- 177 - 178 - Sandstone, fine grained, gray and brown, micaceous, locally carbonaceous, trace of pyrite in gray sands 85%; shale, gray, silty, locally pyritic, and glauconitic 5%; shale, black, silty, limey, highly calcareous 5%; coal fragments 5%; U.V. - good show
- 178 - 179 - Sandstone, gray to brown, fine grained, micaceous, locally carbonaceous and silty; U.V. - good show
- 179 - 180 - Sandstone, gray and brown, fine grained, micaceous, locally carbonaceous, trace of pyrite; U.V. - good show
- 180 - 181 - Sandstone, brown, fine grained, micaceous, locally carbonaceous; U.V. - good show
- 181 - 182 - Sandstone, brown, fine grained, micaceous, locally carbonaceous 50%; U.V. - good show; siltstone, gray, micaceous, locally carbonaceous 50%
- 182 - 183 - Siltstone, gray, micaceous, locally carbonaceous 90%; sandstone, fine grained, brown, micaceous, locally carbonaceous 10%; U.V. - good show
- 183 - 185 - Siltstone, gray, micaceous, locally carbonaceous; U.V. - good show
- 185 - 186 - Siltstone, gray, micaceous, locally carbonaceous 80%; sandstone, brown, fine grained, micaceous locally carbonaceous 20%; U.V. - good show
- 186 - 187 - Sandstone, fine grained, brown, micaceous, locally carbonaceous; U.V. - good show 85%; siltstone, gray, micaceous, locally carbonaceous 10%; shale, black, silty 5%

- 187 - 188 - Sandstone, gray and brown, fine grained, micaceous, locally carbonaceous
- 188 - 189 - Sandstone, gray, fine grained, micaceous, very carbonaceous; U.V. - fair show
- 189 - 190 - Sandstone, gray, fine grained, micaceous, very carbonaceous 90%; U.V. - fair show; coal fragments 10%
- 190 - 191 - Shale, gray, silty 90%; limestone, tan, silty 10%; U.V. - fair show
- 191 - 192 - Sandstone, fine grained, brown, micaceous, locally carbonaceous 70%; U.V. - good show; shale, gray, silty 30%
- 192 - 193 - Sandstone, fine grained, grayish-brown, micaceous, very carbonaceous; U.V. - fair show
- 193 - 194 - Sandstone, fine grained, gray, micaceous, very carbonaceous; U.V. - fair show
- 194 - 195 - Sandstone, fine grained, grayish-brown, micaceous, very carbonaceous 90%; U.V. - fair show; shale, gray, silty 9%; limestone, tan, trace of pyrite 1%
- 195 - 196 - Shale, gray, silty, trace of pyrite 90%; limestone, tan, locally carbonaceous, fossil fragments, trace of pyrite 5%; sandstone, fine grained, grayish brown, micaceous, very carbonaceous 5%
- 196 - 197 - Shale, gray, silty, locally pyritic, carbonaceous 85%; shale, black, silty, trace of pyrite 10%; limestone, tan 5%
- 197 - 198 - Shale, black, silty, trace of pyrite, highly calcareous 90%; shale, gray, silty, carbonaceous 10%
- 198 - 200 - Coal, locally replaced by pyrite 80%; shale, black, silty, highly calcareous 20%
- 200 - 205 - Shale, gray, silty, locally carbonaceous, trace of pyrite 50%; shale black, silty, calcareous, trace of pyrite 40%; coal fragments 10%
- 205 - 210 - Shale, gray, silty, carbonaceous 70%; limestone, gray, silty, locally carbonaceous material being replaced by pyrite 30%
- 210 - 215 - Shale, dark gray to black, silty, trace of pyrite 80%; limestone, silty, brown, trace of pyrite 20%
- 215 - 220 - Siltstone, gray, local inclusions of sub-rounded light brown quartz grains (1-2mm) 85%; shale, black, silty, trace of pyrite 10%; limestone, brown, silty, trace of pyrite 5%
- 220 - 225 - Shale, gray, silty, micaceous and carbonaceous 90%; shale, black, silty, trace of pyrite 5%; limestone, brown, silty 5%
- 225 - 230 - Shale, gray, silty, locally carbonaceous
- 230 - 235 - Shale, gray, silty, locally carbonaceous 75%; siltstone, gray, locally micaceous and carbonaceous 25%
- 235 - 240 - Shale, gray, silty, locally carbonaceous 60%; siltstone, gray, locally carbonaceous and micaceous, trace of pyrite 40%
- 240 - 250 - Shale, light to medium gray, locally silty and carbonaceous, micaceous
- 250 - 260 - Shale, medium gray, silty, locally carbonaceous material being replaced by pyrite 65%; shale, black, silty 30%; siltstone, brown 5%
- 260 - 270 - Shale, black, silty, calcareous, trace of pyrite 85%; shale, gray, silty, locally carbonaceous 15%
- 270 - 280 - Shale, gray, silty, locally carbonaceous 80%; shale, black, silty, calcareous, trace of pyrite 15%; siltstone, light gray, trace of pyrite 5%
- 280 - 290 - Siltstone, greenish, local inclusions of well-rounded, light brown quartz grains (1-3 mm), calcareous 70%; shale, black, silty, trace of pyrite 25%; siltstone, brown, locally carbonaceous 5%
- 290 - 300 - Siltstone, greenish, local inclusions of well-rounded, light brown, quartz grains 45%; shale, gray, silty, locally carbonaceous 45%; shale, black, silty, trace of pyrite 10%