

|       |       |                                                    |
|-------|-------|----------------------------------------------------|
| 4,390 | 4,410 | White sand                                         |
| 4,410 | 4,420 | Blue shale                                         |
| 4,420 | 4,435 | White sand                                         |
| 4,435 | 4,450 | Blue shale                                         |
| 4,450 | 4,470 | Sand with shale streaks                            |
| 4,470 | 4,535 | Igneous sill                                       |
| 4,535 | 4,560 | Soft gray sand                                     |
| 4,560 | 4,575 | Hard igneous sill - black                          |
| 4,575 | 4,590 | Red and gray shale                                 |
| 4,590 | 4,610 | Soft pre-rounded sand 1/32" grains                 |
| 4,610 | 4,780 | Shale                                              |
| 4,780 | 4,790 | Pre-rounded sand                                   |
| 4,790 | 4,905 | Hard black igneous sill                            |
| 4,905 | 4,940 | Sand                                               |
| 4,940 | 4,945 | Green shale                                        |
| 4,945 | 4,950 | Pink shale                                         |
| 4,950 | 4,965 | Hard igneous sill                                  |
| 4,965 | 4,975 | Shale                                              |
| 4,975 | 4,990 | Lime - white                                       |
| 4,990 | 4,995 | Conglomerated shale sand streaks                   |
| 4,995 | 5,130 | Pre-rounded sand 1/32" to 1/16" grains             |
| 5,130 | 5,470 | Sand with thin igneous streaks                     |
| 5,470 | 5,490 | Black igneous sill. Hard trace calcite             |
| 5,490 | 5,555 | Igneous calcite - totally soluble                  |
| 5,555 | 5,600 | Gray igneous sill                                  |
| 5,600 | 5,648 | Igneous Shale - gray with sand streaks             |
| 5,648 | 5,805 | Sand - soft calc. white                            |
| 5,805 | 6,040 | Igneous sill. Very hard - black                    |
| 6,040 | 6,095 | Sand                                               |
| 6,095 | 6,100 | Shale - conglomerated gray sand stringers          |
| 6,100 | 6,195 | Hard sand, iron pyrites. Trace green shale         |
| 6,195 | 6,280 | Bentonite, sand and green, red and gray shale      |
| 6,280 | 6,330 | Black igneous sill                                 |
| 6,330 | 6,335 | Red and gray shale with sand and igneous shells    |
| 6,335 | 6,390 | Top red beds - red shale with gray shale stringers |
| 6,390 | 6,520 | Sand - white, fine                                 |
| 6,520 | 6,525 | Hard red shale                                     |
| 6,525 | 6,575 | Sand - white                                       |
| 6,575 | 6,585 | Red shale                                          |
| 6,585 | 6,595 | White sand                                         |
| 6,595 | 6,615 | Hard red shale                                     |
| 6,615 | 6,652 |                                                    |
| 6,652 | 6,652 |                                                    |

T. D.