

Defense Plant Corporation No. 2 Well

Franklin District, Marshall County, W. Va.

By Pittsburgh Plate Glass Company, Pittsburgh, Pa.

Located 0.06 mi. S. of 39°45' and 0.91 mi. W. of 80°50' -NC-New Martinsville
Quadrangle.

Elevation, 719' L.

Permit, (Mars-135.)

Top Bottom Thickness

Pennsylvania, 165+ feet

1200	1225	25	Sandstone, white, medium-grained; contains small amounts of mica, chlorite, and kaolin
1225	1240	15	Shale, dark-gray, very silty, micaceous
1240	1245	5	Sandstone, nearly white, clayey, micaceous
1245	1255	10	Siltstone, gray, shaly, micaceous
1255	1275	20	Sandstone, light-gray, fine; also some gray to dark-gray shale and siltstone
1275	1280	5	Clay, very light gray
1280	1290	10	Sandstone, white, fine
1290	1305	15	Shale, black, silty; highly calcareous with some fossil shell fragments, 1300-1305'
1305	1310	5	Shale, dark-gray
1310	1315	5	Sandstone, white, fine
1315	1325	10	Sandstone, white, medium-grained
1325	1330	5	Shale, dark-gray, silty
1330	1335	5	Siltstone, gray, shaly
1335	1340	5	Shale, light-gray, indistinctly laminated
1340	1345	5	Siltstone, light-gray, sandy, micaceous
1345	1365	20	Sandstone, white to light-gray and light-green, fine to medium-grained, micaceous and chloritic

Greenbrier Limestone, 70 feet

1365	1395	30	Limestone, very light-brown
1395	1405	10	Limestone, light-brown
1405	1435	30	Limestone, white to very light brown, sandy; some fairly large well rounded sand grains near bottom

Top Bottom Thickness

Pocono Formation, 600 feet

1435	1450	15	Sandstone, white to very light green, fine- to medium-grained; also small amount of light-gray to light-green silty shale with siderite spherulites
1450	1500	50	Sandstone, white, medium-grained
1500	1525	25	Sandstone, white, medium-grained; contains some coarse, well rounded grains
1525	1665	140	Sandstone, white, medium-grained; about 30% of gray micaceous siltstone, 1610-1620'
1665	1670	5	Shale, gray
1670	1685	15	Sandstone, light-gray, fine to very fine; also some shale and siltstone
1685	1720	35	Shale and siltstone, gray
1720	1745	25	Sandstone, light grayishgreen, very fine; also much shale and siltstone
1745	1775	30	Siltstone and silty shale, gray
1775	1815	40	Sandstone, light-gray, very fine; also considerable gray shale and siltstone
1815	1820	5	Siltstone, gray
1820	1865	45	Sandstone, white to light-gray and light-brown, very fine
1865	1870	5	Siltstone, gray
1870	1910	40	Sandstone, white to light-gray, very fine, silty
1910	1925	15	Shale, gray, silty
1925	1950	25	Siltstone, light-gray, sandy
1950	2000	50	Siltstone, gray, shaly; darker and finer than siltstone above
2000	2030	30	Siltstone and silty shale, gray
2030	2035	5	Sandstone, white, very fine, 40%; gray shale and siltstone, 60% (Berea Sandstone?)

Devonian Shales

2035	2095	60	Siltstone, light-gray to light-green; grades into very fine sandstone in some samples and is partly shaly in some
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Top	Bottom	Thickness	
2095	2130	35	Shale and siltstone, grayish-red, 40%; gray shale and siltstone, 60%
2130	2160	30	Siltstone, red, shaly
2160	2220	60	Siltstone, gray, shaly; includes some gray and grayish-red shale
2220	2230	10	Sandstone, light-gray, very fine
2230	2280	50	Siltstone and shale, gray, also some very fine sandstone
2280	2290	10	Shale, gray
2290	2310	20	Siltstone and shale, gray and green
2310	2320	10	Sandstone, light-green, fine
2320	2330	10	Shale, gray and green, silty
2330	2340	10	Siltstone, grayish-red, shaly
2340	2360	20	Siltstone, gray, sandy
2360	2390	20	Sandstone, white to light-gray, fine, 60%; gray shale and siltstone, 40%
2390	2430	50	Siltstone and shale, gray, green and red
2430	2450	20	Sandstone, light-gray, very fine; also much shale and siltstone
2450	2460	10	Siltstone and shale, gray, green and red
2460	2480	20	Sandstone, light-gray to nearly white, very fine
2480	2490	10	Shale, gray, silty
2490	2500	10	Sandstone, light-gray, very fine
2500	2520	20	Shale and siltstone, gray to grayish-green; also some very fine sandstone
2520	2530	10	Sandstone, white to light-green, very fine
2530	2550	20	Siltstone, grayish-red and grayish-green
2550	2570	20	Siltstone, gray(?) (turned brown by heating)
2570	2590	20	Siltstone, grayish-red and grayish-green, shaly
2590	2640	50	Siltstone, gray to grayish-green; also some shale of various colors
2640	2670	30	Sandstone, very light gray and very light green, very fine
2670	2700	30	Siltstone, grayish-green; only slightly finer than the sandstone above