## Fs. Ptaroher et ale Mo. 1 (asise6)




| Top | Bottom | Thickenese |  |
| :---: | :---: | :---: | :---: |
| 2024 | 2034 | 10 | Sandatone, white, medium to oonraemgrained |
| 2084 | 2036 | 2 | Shale, blaok |
| 2086 | 2042 | 5 | Sandutone, white, mediumerained |
| 2041 | 2050 | 9 | Sendatono (9), white, very fine the samplem motually consist matiy of lightmgray and Ereen coleareous olay, probably carings, since thia interval is reconded as lime |
| 2050 | 2054 | 4 | Sandstone, white, fines zome clay cavinga as above |
| 2054 | 2086 | 11 | Siltstone, dark-gray, haly and andys amples are montiy clay ouvings as in intorval 2041-2050' |
| 2065 | 2072 | 7 | Bandstono, white, very coarsey considerable mount of coft green shale, 2070-2072' (oavings?) |
|  |  |  | Arentrier Limettone, 130 feet |
| 2072 | 2080 | 8 | Shale, gray to bromish, soft, not distinctiy lemineted; muoh sidorite at top (posaibly this should be assigned to the Yauch Chumk, or it may be residuel alay from the Gremberior) |
| 2072 | 2132 | 60 | Limestone, lightmbrown to nearly whitel maples contain large manuts of thale arvinges mostly like that froa 2072-2080" |
| 2132 | 2144 | 12 | No semples |
| 2144 | 2802 | 68 | Limestone, white to very light bromil motiy oolitio from 2156 to 2208:; sandy and dolomitio noar bottom |
|  |  |  | Pecono Formation, 464 foet |
| 2202 | 2234 | 32 | siltitone, nearly white to greenish some very fine sandstone, 2216-2222'; sample contaminated by clay and shale azvinge |
| 2234 | 2269 | 26 | Sandetome, white, very find, containing a few course quarts grainal caloareous |
| 2269 | 2276 | 7 | siltetone, eray to brownieh |
| 2278 | 2300 | 24 | Gandetone, white, fine, ilightly oalcareous |
| 8200 | 2642 | 342 | Siltatone, gray to nearly white |
| 2842 | 2684 | 22 | 8hale, very darlongray, ailty (Sunbury Shale) |
| 2684 | 2868 | 2 | Sandatone, white, very fine (Berem oundatoney thiolneas eatimated; ocours in sarple representing 7 foot intervel and compoed motly of ailtetone like that below) |


| Ton | Eottom | Thioknest |  |
| :---: | :---: | :---: | :---: |
| 2664 | 2868 |  | Devonien Shales, 2588 foet |
| 2666 | 3883 | 1817 | ghale and miltstone gray to lightmgrayt vory dark ohilo |
|  |  |  | first appoare in considerable anount at 3883; amples not describod in detali |
| 3883 | 5198 | 1418 | Shale, gray, dark-gray and black; sample not desoribed in detinil (depth oorreotod from 5261 to $5198^{\circ}$ ) |
|  |  |  | Huateraville Chert, 118 foet |
| 5198 | 5251 | 58 | Linestone, brown, very cherty thin atreak of brown illetone with biotite at top |
| 5251 | 6257 | 6 | Limatone, Light-brown, very chertys contain a little glauoonite |
| 5257 | 5279 | 22 | Limentone, brown to light-brown, very cherty |
| 5870 | 5292 | 18 | Limestone, browi, oherty, glauconitio |
| 5298 | 5287 | 5 | Lisestone, brown, oherty |
| 6297 | 5816 | 19 | Linestone, browe, oherty, glauconitic; very mandy, 8297-5s01': mon glawomite at bottom |
|  |  |  | Oriskany Sundstone, 69 foet |
| 5316 | 8376 | 59 | ```Sendatone, white, medium- to finemgrained, caloareous (gac pay\: 5817-5820, 5830-5336, 5848-5844, 5360-5862')``` |
| 5875 | 5381 | 6 | sandatone, white, fine to very fine, highly onloareous |
| 5881 | 5388 | 2 | Sandstone, white, modiume to coursengrained, highly calcareous |
| 6888 | 5885 | 2 | Sandatone, white, fine- to medium-grained, highly celoureous |
|  |  |  | Helderbers, Limestone, $38+$ foet |
| 5885 | 5397 | 12 | Limestone, daric-brown, sandy and oherty |
| 6397 | 5409 | 12 | Sandstone, white, fine, highly oal oareoue; mome ohort from 5408 to $6409{ }^{\circ}$ |
| 6400 | 6414 | 5 | Limetatone, brown, cherty |
|  | 5484 |  | Total derth |

