

4630 - 4650	Sandstone as above. Dolomite as above, heavy trace	4854 - 4864	Dolomite as above, microcrystalline. Dolomite, light-gray, microcrystalline (dolosiltite), sandy (fine- and medium-grained sand). Sand as above, heavy trace
4650 - 4660	Dolomite, medium- and dark-brown, microcrystalline (dolosiltite), very sandy (very fine- and fine-grained sand), pelletal and oolitic. Sandstone, very light-brown, fine- and medium-grained; minor	4864 - 4873	Dolomite, very light-gray to brownish-gray and grayish-brown, microcrystalline (dolosiltite), sandy (fine-grained sand). Sand as above, heavy trace
4660 - 4670	As above, dolomite dark gray in part	4873 - 4954	Dolomite as above
4670 - 4710	Sandstone, light-yellowish-gray, light- and medium-brown, very light-pinkish-gray, very fine- to coarse-grained, poorly sorted. Dolomite as above, heavy trace. MT. SIMON SANDSTONE at 4670 feet	4954 - 4962	Dolomite as above, very finely crystalline in part
4710 - 4780	Sandstone as above. Sandstone, light- and medium-gray	4962 - 4967	Dolomite as above. Siltstone, very light-gray, slightly dolomitic, slightly glauconitic
4780 - 4790	Sandstone, very light-brown and gray, very fine- to coarse-grained. Sand, coarse-grained. Chlorite, trace. PRECAMBRIAN at 4789 feet?	4967 - 4990	As above. Siltstone, medium-gray, slightly argillaceous, glauconitic, trace. Sand, very fine- and fine-grained, subrounded; trace
4790 - 4802	Hornblende schist. Quartz(?), pink; coarse angular fragments. Chlorite, heavy trace TD 4802 feet	4990 - 4994	Dolomite as above. Siltstone as above, trace
		4994 - 5001	Dolomite, light- and medium-brown, microcrystalline and very finely crystalline (dolosiltite). Siltstone, very light- to medium-gray, glauconitic (very fine); argillaceous in part
		5001 - 5014	Dolomite as above. Shale, medium-gray to greenish-gray. Siltstone as above, minor
Licking County	Lake Shore Pipe Line Co.	5014 - 5020	Shale and siltstone as above. Dolomite as above, minor
Mary Ann Township	#1 Crowley	5020 - 5031	Siltstone as above. Dolomite and shale as above, heavy trace
Lot 15, 1st quarter	Permit No. 1826	5031 - 5036	Dolomite, very light-gray to very light-brownish-gray, microcrystalline. Shale, light-green; trace. Siltstone, light-gray; trace
	Sample No. 1062	5036 - 5045	Dolomite as above
	Elevation (KB) 1060 feet	5045 - 5068	Siltstone, very light-gray to brownish-gray, very dolomitic. Dolomite, light-brown, microcrystalline (dolosiltite); minor from 5064 to 5068 feet
Depth (ft)		5068 - 5083	Dolomite as above. Dolomite, very light-gray to brownish-gray and medium-brown. Very fine sample
4694 - 4704	Limestone, medium-brown, lithographic to dense, slightly fossiliferous (brachiopod); slightly pyritic in part; patches of euhedral dolomite crystals	5083 - 5086	Dolomite as above (dolomicrite and dolosiltite)
4704 - 4722	Limestone as above, in part very light brownish gray. Dolomite, dark-brown, microcrystalline (dolosiltite); minor. Shale, dark-brown; heavy trace	5086 - 5093	Dolomite, very light- and light-brown, very finely crystalline. Chert, white; trace. Very fine sample
4722 - 4732	Limestone as above	5093 - 5104	Dolomite, very light-brown, microcrystalline (dolosiltite). Very fine sample
4732 - 4745	Limestone as above. Shale, dark-greenish-gray; heavy trace	5104 - 5123	Dolomite as above, very finely crystalline(?) and microcrystalline (dolosiltite?). Very fine sample
4745 - 4764	Limestone as above. Shale as above, minor	5123 - 5140	Dolomite, light-yellowish-gray and gray to very light-brown. Powdery fine sample
4764 - 4772	As in sample from 4732 to 4745 feet	5140 - 5153	Dolomite, light-yellowish-gray to very light-brown, microcrystalline (dolosiltite). Very fine sample
4772 - 4780	Limestone, light- and medium-brown, lithographic. Dolomite, dark-brown, microcrystalline (dolosiltite); trace	5153 - 5155	As in sample from 5123 to 5140 feet
4780 - 4804	Limestone as above. Shale, dark-grayish-brown; heavy trace	5155 - 5176	Dolomite as in sample from 5140 to 5153 feet
4804 - 4812	Limestone as above. Shale, medium-gray to greenish-gray, pyritic, silty, sandy (rounded frosted fine-grained sand)	5176 - 5182	Dolomite in sample from 5123 to 5140 feet
4812 - 4819	Dolomite, very light-gray to brownish-gray, microcrystalline (dolosiltite), silty. Shale as above, minor. Sand, fine-grained, rounded and frosted; trace	5182 - 5236	Dolomite as in sample from 5140 to 5153 feet
4819 - 4826	Shale as above. Dolomite as above. Dolomite, light-gray to greenish-gray, microcrystalline (dolosiltite), very silty; argillaceous in part. Sand, fine to coarse, rounded and frosted; trace	5236 - 5274	Dolomite, very light-brownish-gray to gray and yellowish-gray, microcrystalline and very finely crystalline (dolosiltite)
4826 - 4835	As above. Dolomite, medium-brown, microcrystalline (dolosiltite)	5274 - 5283	Dolomite as above, sandy to very sandy (sub-rounded and rounded very fine- to medium-grained sand, frosted in part)
4835 - 4840	Shale, light-grayish-green, dolomitic to very dolomitic; pyritic in part. Dolomite as above, heavy trace. Sand as above, trace	5283 - 5290	Dolomite as above. Dolomite, light-gray and brownish-gray, microcrystalline (dolosiltite), sandy (very fine- and fine-grained sand)
4840 - 4844	Shale as above. Sandstone, very light-gray, very fine-grained, dolomitic, silty; some fine- to coarse-grained sand	5290 - 5293	No samples
4844 - 4847	Sandstone as above, much rounded and frosted medium-grained sand. Shale as above, trace	5293 - 5298	Light-gray and brownish-gray dolomite as above, sandy (very fine- to medium-grained sand). KERBEL FORMATION at 5293 feet
4847 - 4854	Dolomite, very light-grayish-brown to light-brown, microcrystalline and very finely crystalline (dolosiltite); pelletal in part. Sand, fine- and medium-grained, rounded and frosted; minor. KNOX DOLOMITE at 4853 feet (GRN)	5298 - 5301	Dolomite, very light-brownish-gray, microcrystalline (dolosiltite); sandy as above
		5301 - 5306	Dolomite as above. Dolomite, medium-gray, microcrystalline (dolosiltite), silty; brownish in part

5306 - 5311	Dolomite, very light-gray, microcrystalline (dolosiltite), sandy (very fine- to medium-grained sand)				grayish-green, dolomitic, silty, sandy (very fine- and fine-grained sand); heavy trace
5311 - 5314	Dolomite as above, very light brownish gray	5595 - 5625			Dolomite, very light- and light-gray, microcrystalline (dolomicrite and dososiltite), slightly sandy (very fine-grained sand); very fine and fine crystals in some of the matrix
5314 - 5316	Dolomite, light-brown, microcrystalline (dolosiltite), silty, grading into siltstone. Siltstone, minor	5625 - 5675			Dolomite as above, predominantly dososiltite, sandy as above
5316 - 5319	Dolomite as in sample from 5311 to 5314 feet, silty, nonsandy	5675 - 5725			Dolomite as above. Dolomite, light-brown; sandy to very sandy as above, pelletal and oolitic in part (very fine- and fine-grained, grain-supported in part)
5319 - 5327	Dolomite as above, sandy (subangular to rounded fine- and medium-grained sand, frosted in part)	5725 - 5745			Dolomite as above. Dolomite, medium- and dark-brown, microcrystalline, pelletal and oolitic (fine-grained, grain-supported), slightly sandy (very fine-grained sand); in streaks
5327 - 5330	Dolomite as above. Dolomite, light grayish brown in part	5745 - 5770			As above, predominantly medium- and dark-brown dolomite
5330 - 5334	Dolomite, very light-brownish-gray, microcrystalline, very sandy, grading into sandstone. Sandstone, very fine- to medium-grained; grains subangular to rounded, frosted in part, may be broken in part	5770 - 5790			As above, some rounded and frosted medium- and coarse-grained sand in dolomite
5334 - 5337	No samples	5790 - 5815			Dolomite as above, very sandy in part (predominantly very fine- and fine-grained sand). Sandstone, very light-gray and brown, fine-grained, dolomitic; trace
5337 - 5341	As in sample from 5330 to 5334 feet	5815 - 5820			No samples
5341 - 5349	No samples	5820 - 5845			As in sample from 5790 to 5815 feet
5349 - 5350	As in sample from 5330 to 5334 feet, dolomite in part broken	5845 - 5855			Dolomite as above. Sandstone, white and very light-brownish-gray, siliceous, fine- to coarse-grained (predominantly fine and medium); minor
5350 - 5352	As in sample from 5330 to 5334 feet	5855 - 5865			Dolomite as above. Sandstone as above, heavy trace to trace
5352 - 5375	As above, predominantly fine-grained dolomitic sandstone, becoming predominantly very fine grained at 5370 feet	5865 - 5870			As in sample from 5845 to 5855 feet
5375 - 5383	Sandstone, light-brownish-gray, very fine-grained, silty, dolomitic. Dolomite, dark-gray, microcrystalline, very argillaceous; minor. CONASAUGA FORMATION at 5375 feet	5870 - 5875			Sandstone as above, poorly sorted. Dolomite as above, minor. MT. SIMON SANDSTONE at 5870 feet
5383 - 5385	Dolomite, light-brownish-gray to medium-brown, microcrystalline (dolosiltite), very silty and sandy (very fine-grained); grading into siltstone and sandstone	5875 - 5880			Sandstone as above. Dolomite as above, trace
5385 - 5396	Sandstone, very light-brownish-gray, very fine-grained, dolomitic. Siltstone, very light-brownish-gray, dolomitic; minor. Shale, medium- and dark-brown, very dolomitic; heavy trace, becoming subequal at 5389 feet	5880 - 5895			Sandstone as above, friable, grains subrounded and rounded, frosted
5396 - 5401	Sandstone, very light-brownish-gray to light-gray, very fine-grained, silty, slightly glauconitic, very slightly dolomitic. Shale, dark-gray to brown; minor	5895 - 5905			Sandstone as above. Sandstone, light-brown, slightly dolomitic, silty; heavy trace
5401 - 5403	Sandstone as above. Shale as above	5905 - 5925			As above. Sandstone, fine-grained, silty, argillaceous; in part dark gray; heavy trace
5403 - 5406	Sandstone as above. Shale as above, minor	5925 - 5975			Sandstone as in sample from 5880 to 5895 feet
5406 - 5416	Siltstone, very light-brownish-gray to light-gray, dolomitic, very slightly glauconitic. Shale, dark-gray to brownish-gray; heavy trace	5975 - 5980			Sandstone as above. Granite gneiss. PRE-CAMBRIAN at 5978 feet
5416 - 5418	As above, some coarse glauconitic pellets	5980 - 5991			Gneiss. Sandstone as above, minor
5418 - 5480	No samples. ROME FORMATION at 5439 feet (GRN)				TD 5991 feet
5480 - 5500	Dolomite, light-gray to brownish-gray, microcrystalline (dolomicrite and dososiltite); sandy to very sandy in part (very fine- to medium-grained sand); some very fine-grained pellets		Logan County		Ohio Oil Co. #1 Johns
5500 - 5535	As above, trace vuggy porosity to 5505 feet, dolomite only very slightly sandy (very fine- and fine-grained sand)		McArthur Township		Permit No. 18
5535 - 5585	Dolomite, very light-gray to light-brownish-gray, microcrystalline (dolomicrite and dososiltite), sandy (very fine- and fine-grained sand). Dolomite; medium- to dark-brown, microcrystalline, sandy (very fine-grained sand); pelletal and oolitic (very fine- and fine-grained, sand-centered, grain-supported) in large part; very light-gray to light-brownish-gray dolomite probably pelletal		VM5L 9930		Sample No. 192
5585 - 5595	Very light-gray and brownish-gray dolomite as above, some pellets and oolites. Brown dolomite as above, heavy trace. Shale, medium-				Elevation (G) 1190 feet
				Depth (ft)	
		1975 - 1985			Limestone, light-brown to grayish-brown, lithographic; some pieces with sucrosic dolomite crystals. Dolomite, light- and medium-brown, microsucrosic to very finely sucrosic, trace
		1985 - 1995			As above, limestone in large part pelletal (very fine-grained, mud-supported)
		1995 - 2005			As in sample from 1975 to 1985 feet, limestone pelletal in part
		2005 - 2020			Limestone, very light-brownish-gray to light-brown, lithographic, fossiliferous (ostracods); much sucrosic dolomite
		2020 - 2025			Limestone as above. Shale, medium- and dark-greenish-gray
		2025 - 2028			Core samples from 2026 to 2075 feet
		2028 - 2046			Limestone, very light-brown, lithographic. Shale, light-green, medium- and dark-greenish-gray, pyritic; minor
					Limestone, very light- and light-brown, lithographic to medium-grained, fossiliferous

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