

Allen County
Shawnee Twp
Sec 2.

CORE DESCRIPTION

Vistron Corp.

Sohio #1

T#67

S# 2129

C#2331

CAMBRIAN AND LOWER ORDOVICIAN ROCKS IN OHIO

	No samples		few coarse and rounded grains; laminated in part with shaly partings
	Sandstone, pink to light- and medium-gray, very fine- and fine-grained, glauconitic, very slightly hematitic	2892 - 2895	Sandstone, pink, fine-grained, very fossiliferous; shaly laminations
2650	As above, nonhematitic	2895 - 2897	Sandstone, pink, fine-grained; shaly laminations; a few coarse and rounded grains from 2896 to 2897 feet
2655	No samples		No samples
2670	Sandstone as above with laminations of reddish-brown shale. Dolomite, white to very light-brown, coarsely crystalline, fossiliferous(?); trace	2897 - 2898	Sandstone, pink, fine-grained, fossiliferous; chitinous(?) material and shaly laminations scattered irregularly through the interval; trace of glauconite from 2906 to 2907 and 2909 to 2912 feet
2670 - 2685	As above. Shale, reddish-brown to medium-grayish-brown; heavy trace	2898 - 2912	Sandstone, light-gray, fine-grained, very glauconitic, fossiliferous; shaly laminations (as sandstone in sample from 2874 to 2875 feet)
2685 - 2690	No samples		Sandstone, pink, fine-grained, containing chitinous(?) and carbonaceous material
2690 - 2705	Sandstone, pink to light- and medium-gray, very fine- and fine-grained, glauconitic, micaceous; shale partings. Shale, reddish-brown; trace. Dolomite, white to very light-brown, dense to coarsely crystalline, fossiliferous(?), glauconitic; trace	2912 - 2914	Sandstone, pink, fine- and medium-grained; a few coarse grains
2705 - 2775	As above, shale in part light- and medium-greenish-gray to brownish-gray	2914 - 2919	Sandstone, pink and colorless, coarse-grained
2775 - 2785	Sandstone as above, fine and medium grained. Shale and dolomite as above, trace	2922 - 2926	Sandstone, pink and colorless, fine-grained; layers of medium- and coarse-grained sand
2785 - 2794	No samples	2926 - 2927	Sandstone, colorless, coarse-grained; grains rounded
2794 - 2812	Core chips from 2794 feet to TD	2927 - 2939	Sandstone, pink, predominantly fine-grained; layers of fine- to coarse-grained sandstone; pyrite laminations from 2932 to 2933 feet; shaly laminations from 2938 to 2939 feet
2812 - 2821	Sandstone, pink to light-gray, fine-grained, slightly glauconitic, crossbedded; laminated with shale partings in places; glauconite pellets concentrated on crossbed planes	2939 - 2940	Sandstone, colorless, fine- to coarse-grained, poorly sorted, fossiliferous; containing biotite
2821 - 2830	Sandstone as above, interbedded with fine- and medium-grained light-gray to yellowish-gray sandstone; intergranular porosity; biotite flakes; quartz sand grains angular	2940 - 2948	Sandstone, pink and colorless, fine-grained, fossiliferous; containing biotite and carbonaceous material; shaly laminations; light-green clayey laminations from 2942 to 2943 feet
2830 - 2832	Sandstone as above, with a few coarse grains	2948 - 2949	Sandstone as above, fine to coarse grained
2832 - 2833	Sandstone, light-gray, very fine- and fine-grained, very glauconitic	2949 - 2952	Sandstone as in sample from 2940 to 2948 feet, fine and medium grained
2833 - 2834	Sandstone, light-yellowish-gray, fine-grained, slightly glauconitic, slightly biotitic	2952 - 2955	Sandstone, colorless and pink, medium- and coarse-grained
2834 - 2838	Sandstone as in sample from 2830 to 2832 feet	2955 - 2956	Sandstone, pink, fine-grained
2838 - 2856	Sandstone, pink, fine-grained. MT. SIMON SANDSTONE at 2834 feet	2956 - 2961	Sandstone as in sample from 2952 to 2955 feet, colorless and pink sand grains alternating in some chips
2856 - 2857	Sandstone, pink to light-gray, fine- to coarse-grained (predominantly fine and medium); brachiopod mold at 2851 feet	2961 - 2966	Sandstone, pink, predominantly fine-grained; containing carbonaceous material and shaly partings
2857 - 2861	Sandstone as above, with shaly and micaceous partings	2966 - 2967	Sandstone, pink, fine-grained; minor proportion of medium-sized grains; brachiopod mold at 2857 feet
2861 - 2862	Sandstone, pink, fine-grained; good intergranular porosity	2967 - 2969	Sandstone, light-gray, medium-grained; good intergranular porosity
2862 - 2871	Sandstone, light-yellowish-gray to pink, fine- to coarse-grained, poorly sorted	2969 - 2970	Sandstone, pink, fine-grained; containing a layer of coarse sand grains
2871 - 2872	Sandstone, pink, fine-grained; in part laminated with gray to black shaly and micaceous partings	2970 - 2971	Sandstone, light-gray to pink, poorly sorted (many coarse grains in fine-grained matrix)
2872 - 2873	Sandstone, light-gray to pink, medium-grained; containing soft dull platy black material (brachiopod valve?)	2971 - 2972	Sandstone, light-gray; fine and medium grained in alternating irregular layers
2873 - 2874	Sandstone as above, glauconitic; containing brachiopod valve	2972 - 2975	Sandstone, light-gray, medium-grained; good intergranular porosity
2874 - 2875	Sandstone as in sample from 2871 to 2872 feet, fine grained	2975 - 2978	Sandstone as above, fine to coarse grained, poorly sorted
2875 - 2877	Sandstone, very light-gray, fine-grained, very glauconitic, fossiliferous; shaly laminations	2978 - 2979	Sandstone, colorless, coarse-grained (much secondary quartz growth on rounded to sub-rounded grains); good intergranular porosity
2877 - 2878	Sandstone, light-gray to pink, fine-grained; shaly laminations; some biotite; chitinous(?) material	2979 - 2980	Sandstone, pink, fine-grained; minor amount of coarse-grained sand
2878 - 2883	Sandstone as above, glauconitic	2980 - 2982	Sandstone, colorless, medium-grained
2883 - 2884	Sandstone as in sample from 2874 to 2875 feet, light gray to pink	2982 - 2983	Sandstone as in sample from 2978 to 2979 feet, containing shaly and micaceous partings
2884 - 2885	Sandstone, pink, fine-grained	2983 - 2984	Sandstone, colorless, medium- and coarse-grained; good intergranular porosity
2885 - 2889	Sandstone, pink, fine-grained, very glauconitic; glauconite concentrated on undulating bedding planes; shaly laminations	2984 - 2985	Sandstone, pink to light-gray, fine-grained; shaly laminations
2889 - 2892	Sandstone, pink, fine-grained	2985 - 2986	Sandstone, colorless, medium-grained
	Sandstone, pink, fine- and medium-grained; a		Sandstone, pink, fine-grained; a few coarse

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2986 - 2987	grains Sandstone, colorless, medium- and coarse-grained; good intergranular porosity	3057 - 3058	grained, poorly sorted, crossbedded
2987 - 2989	Sandstone, pink, fine- to coarse-grained	3058 - 3060	Siltstone, red, clayey and sandy
2989 - 2990	Sandstone, colorless, fine- to coarse-grained, poorly sorted; stained dark brownish red with clay	3060 - 3063	Sandstone, white, fine- to coarse-grained, poorly sorted; stained red in part
2990 - 2991	Sandstone as above, crossbedded	3063 - 3065	As above, laminated with red clay; becoming medium grained and well sorted at 3062 feet
2991 - 2992	Sandstone, colorless, medium- and coarse-grained	3065 - 3067	Sandstone, red to white, medium- and coarse-grained
2992 - 2993	Sandstone, pink, coarse-grained; containing much gray clay in matrix and laminated with reddish-brown (hematitic?) shale or clay	3067 - 3068	Sandstone as above, much red clay in matrix
2993 - 2994	Sandstone, colorless to pink, medium- and coarse-grained; good intergranular porosity	3068 - 3069	Sandstone, white, poorly sorted, conglomeratic
2994 - 2997	Sandstone as in sample from 2992 to 2993 feet	3069 - 3070	Sandstone, red, medium- and coarse-grained, much red clay in matrix
2997 - 2999	Sandstone, colorless, coarse- and very coarse-grained; inclusions of bright-green clay; good intergranular porosity	3070 - 3073	Sandstone, white, fine- to very coarse-grained, poorly sorted; red in part
2999 - 3000	No samples	3073 - 3078	Sandstone, white to pink, predominantly fine-grained; stained red in part
3000 - 3002	Sandstone, white to light-gray, medium- and coarse-grained; good intergranular porosity	3078 - 3079	No samples
3002 - 3003	Sandstone as in sample from 2992 to 2993 feet	3079 - 3080	Sandstone, red to pink (layered), medium- and coarse-grained
3003 - 3005	Sandstone as in sample from 3000 to 3002 feet	3080 - 3081	Sandstone, red, conglomeratic
3005 - 3011	Sandstone, fine- and medium-grained; stained red with hematite; clayey hematite concentrated in layers in some chips; a few layers of poorly sorted fine- to coarse-grained sandstone	3081 - 3088	Sandstone, white to red, predominantly medium-grained, moderately sorted
3011 - 3012	Sandstone, pale-pink to colorless, fine- to coarse-grained; laminated, with sorted layers	3088 - 3089	Sandstone, white to red, fine- to coarse-grained to conglomeratic; poorly sorted; coarse grains rounded, except for cleaved (feldspar) grains; much red clay in matrix in some chips
3012 - 3013	Sandstone, fine-grained, hematitic	3089 - 3092	Sandstone, red, medium-grained, well-sorted
3013 - 3014	Sandstone, white, medium- and coarse-grained	3092 - 3094	Sandstone, white to pink, fine-grained, well-sorted; stained red in part
3014 - 3015	Sandstone, fine- to coarse-grained, hematitic	3094 - 3095	Sandstone as above, fine and medium grained
3015 - 3016	Sandstone, fine-grained, hematitic; containing a semicircular patch of fine-grained white sandstone	3095 - 3099	No samples
3016 - 3017	Sandstone, medium-grained, hematitic; scattered coarse grains	3099 - 3104	Sandstone, red to white to pink, fine- and medium-grained; crossbedded in part; cross-bedding shown by concentrations of red clay on bedding planes
3017 - 3018	Sandstone as in sample from 3014 to 3016 feet, medium grained	3104 - 3111	Sandstone, red to white, conglomeratic; much red clay in matrix
3018 - 3019	Sandstone, medium- and coarse-grained, hematitic	3111 - 3127	Sandstone, pink, fine- to coarse-grained; stained red in part; conglomeratic from 3106 to 3111 feet
3019 - 3025	Sandstone, fine- and medium-grained, hematitic; fine to coarse grained from 3022 to 3023 feet; some clayey hematite concentrated in layers		Sandstone, white to pink, fine- to coarse-grained, poorly sorted; stained red in part; conglomeratic (fine- to very coarse-grained) in part; crossbedded from 3114 to 3115 feet; vertical fractures (open) from 3115 to 3116, 3118 to 3119, 3123 to 3124 feet; conglomerate stained with hematite at 3127(?) feet <i>TD core chips 3127 feet</i>
3025 - 3026	Sandstone, very coarse-grained, hematitic		
3026 - 3033	Sandstone, hematitic, fine- and medium-grained; crossbedded in part; zones of good intergranular porosity; fine to coarse grained from 3031 to 3033 feet		
3033 - 3034	Sandstone, hematitic, fine- to very coarse-grained; clayey matrix; poorly sorted		
3034 - 3035	Sandstone, white, fine- and medium-grained		
3035 - 3037	Sandstone, hematitic, fine- to coarse-grained, poorly sorted; hematite in some chips restricted to lenses within white sandstone		
3037 - 3043	Sandstone, light-brown, hematitic, medium- and coarse-grained; patches of white sandstone		
3043 - 3046	Sandstone, fine- to coarse-grained; irregularly stained red in white matrix or stained red in layers		
3046 - 3047	Sandstone, white, fine- to coarse-grained (predominantly medium)		
3047 - 3050	Sandstone as in sample from 3043 to 3046 feet, conglomeratic; pebbles well rounded		
3050 - 3053	Sandstone, white and red, fine- to coarse-grained, poorly sorted; red clay in matrix and in layers		
3053 - 3055	Sandstone, white, fine- and medium-grained; stained red in part		
3055 - 3056	Sandstone, hematitic, fine-grained, micaceous		
3056 - 3057	Sandstone, white to red, fine- to coarse-		
		Ashland County	Ohio Oil Co. #1 Krause
		Ruggles Township	Permit No. 246
		Lot 4, 1st Quarter	Sample No. 149
			Elevation (G) 1114 feet
		Depth (ft)	
		4407 - 4414	Limestone, light- to dark-brown, lithographic; 20% Dolomite, light- and medium-gray, brown and grayish-brown, microcrystalline (dolosiltite), silty and argillaceous; sucrosic in part; 80% Shale, medium- and dark-grayish-green; trace
		4414 - 4436	Siltstone, very light-yellowish-brown, light-gray, dolomitic. Shale, dark-brown; trace
		4436 - 4441	Siltstone, very light- and light-brown, dolomitic
		4441 - 4450	Siltstone as above; 90% Shale, dark-gray, brown, micaceous, silty; 10%
		4450 - 4469	As above, some fine-grained sand in siltstone
		4469 - 4485	Dolomite, very light-yellowish-brown to light-brown, microcrystalline (dolosiltite). Shale, dark-gray, greenish-gray; heavy trace. KNOX DOLOMITE at 4469 feet
		4485 - 4529	Dolomite, very light to light-brown, grayish-brown, microcrystalline (dolosiltite)