

Robinson 1 (15-077-00138) T: 32S R: 6W S: 22
Latitude: 37.2480041 Longitude: -97.9653085 Elevation (GL): 1377.0 Depth: 4798.0

Depth	Stratigraphic Units							Rock Color	Lithology Rock Column	Grainsize Macro Very Fine Fine Medium Coarse Very Coarse Blocky Crumbly	Fossils	Porosity	Porosity Type	Remarks
	Members	Formations	Subgroup	Group	Series	Subsystem	Era							
2600														2600 2615 buff to brown dense to fine xln fossiliferous
														2615 2625 gray shale
														2625 2647 cream-gray-buff fine xln fossiliferous limestone
														2647 2655 gray shale
														2655 2671 buff to brown dense to fine xln fossiliferous
														2671 2681 red & gray slightly
														2681 2685 gray dense limestone
2700														2697 2705 gray-buff dense to
														2705 2717 red & gray shale
														2717 2727 gray-buff dense to
														2727 2759 red & gray slightly sandy shale
		Topoka Limestone												2759 Topoka Limestone
2800														2780 2783 gray shale
														2810 2830 cream-light gray dense to fine xln limestone
														2830 2832 gray shale
														2852 2857 gray shale
2900														2876 2878 gray shale
														2897 2900 gray shale
														2923 2926 gray shale
														2953 2956 gray shale
														2966 2984 red & gray shale
3000														2984 2995 gray fine to medium
														2995 3005 red & gray shale
														3005 3028 gray fine grain sub-angular micaceous sandstone
														3028 3045 red & gray shale
														3045 3050 dark gray shale
														3070 3073 gray-buff dense to
3100														
														3140 3145 gray shale
														3152 3157 gray shale
														3162 Heebner Shale
3200	Heebner Shale													3177 3185 dark gray to black
														3185 3202 cream-light buff fine xln fossiliferous
														3202 3215 red & gray shale
														3215 3233 buff dense to fine xln fossiliferous porous (good
														3233 3247 red & gray slightly
														3247 3267 buff fine xln fossiliferous limestone
														3267 3270 gray shale
3300														3283 Douglas
														3298 3300 gray fine grain
														3310 3315 gray fine grain
														3340 3360 red & gray shale
														3360 3362 gray fine grain
3400														3383 3385 gray fine grain
														3440 3455 dark gray shale
														3455 Lansing
														3465 3484 red & gray shale
3500	Stahmer Sandstone													3484 3488 buff dense to fine
														3565 3573 gray shale
														3580 3585 gray shale
														3592 3657 red & gray slightly sandy shale
3600														
														3657 3710 medium gray to dark gray shale
														3710 3746 dark gray to black shale
3700														
														3746 Kansas City
														3759 3762 gray shale
														3775 3792 cream-gray dense to fine xln cherty limestone
														3792 3795 gray shale
3800														3808 3810 gray shale
														3847 3867 gray-buff dense slightly cherty limestone
														3867 3870 gray shale
														3880 3900 buff to brown dense to fine xln limestone
3900														3900 3904 dark gray to black
														3918 3920 gray shale
														3943 3945 gray shale
														3960 3988 buff to brown dense limestone
4000														3988 4005 dark gray to black shale
														4005 4010 buff to brown dense
														4022 4025 buff to brown dense
														4035 4040 gray-buff dense to
														4056 Hammaton
														4070 4074 cream-gray-buff
4100														4094 4102 cream-gray-buff
														4102 4108 gray shale
														4115 4125 gray shale
														4125 4137 buff to brown dense
														4137 4140 gray shale
														4155 4160 dark gray to black
4200														4192 4196 gray shale
														4203 4215 gray shale
														4215 4223 gray-buff to brown
														4223 4245 red & gray shale
														4252 4268 gray shale
														4268 4285 gray-buff-brown dense to fine xln limestone
														4285 4290 gray shale
4300														4294 4360 varicolored slightly sandy shale
														4360 Mississippian
														4378 4395 gray-buff fine granular cherty siliceous
														4395 4430 gray-buff fine granular to medium xln. cherty dolomitic limestone
4400														4430 4445 gray-buff fine granular cherty siliceous
														4445 4643 gray fine granular cherty siliceous dolomitic limestone
4500														
4600														
														4643 Kinderhookian
4700														4700 4739 gray granular dolomitic shale in streaks
		Chattanooga Shale												4739 Chattanooga Shale
		Viola Limestone												4760 Viola Limestone
														4776 4798 white medium to coarse grain angular to sub rounded frosted sandstone

Primary Rock Lithology

Secondary Rock Lithology

Fossils

Porosity Type