

Lithologic Details

Station X-Coord. Y-Coord.
(feet) (feet)

HIF-42 670432 1049061

Min. Depth	Max. Depth	Primary Rock	% Primary Rock	Primary Color	Induration	% Porosity	Comments
40	90	SAND - SHELL					SAND; YELLOW GRAY TO LIGHT GRAY; MEDIUM POROSITY; INTERGRANULAR; VFG-FG; UNCONSOLIDATED; SHELL 40%; FOSSIL FRAGMENTS
90	110	PACKSTONE					PACKSTONE; LIGHT GRAY; MEDIUM POROSITY; GGS-MED; UNCONSOLIDATED; TRACE SHELL
110	140	PACKSTONE					PACKSTONE; LIGHT GRAY; MEDIUM POROSITY; GGS-MED; UNCONSOLIDATED; QUARTZ SAND; TRACE SHELL
140	180	CLAYEY GRAVELLY SANDS					SILTY DOLOMITE; LIGHT OLIVE GRAY; LOW PERMEABILITY; POOR INDURATION; CLAY MATRIX; QUARTZ SAND; SOME SHELL
180	240	WACKESTONE					WACKESTONE; LIGHT OLIVE GRAY; INTERGRANULAR; LOW PERMEABILITY; FOSSIL; GRAIN SIZE MEDIUM TO GRANULAR
240	350	CLAYEY GRAVELLY SANDS					SILTY DOLOMITE; LIGHT OLIVE GRAY; LOW PERMEABILITY; POOR INDURATION; CLAY MATRIX; QUARTZ SAND; SOME SHELL
350	400	WACKESTONE					WACKESTONE; LIGHT OLIVE GRAY; INTERGRANULAR; LOW PERMEABILITY; FOSSIL; GRAIN SIZE MEDIUM TO GRANULAR
400	420	PHOSPHATE					PHOSPHATE; DARK BROWN; INTERGRANULAR; CALCITE MATRIX; MEDIUM TO GRANULAR; QUARTZ SAND
420	500	WACKESTONE					WACKESTONE; LIGHT OLIVE GRAY; INTERGRANULAR; LOW PERMEABILITY; FOSSIL; GRAIN SIZE MEDIUM TO GRANULAR
500	560	WACKESTONE					WACKESTONE; WHITE TO LIGHT GRAY; INTERGRANULAR; CALCILUTITE; FG TO GRANULAR
560	800	PACKSTONE					PACKSTONE; YELLOW GRAY; FG-GRANULAR; MOLDIC; PIN POINT VUGS; HIGH PERMEABILITY; CALCILUTITE; MOLLUSK
800	840	GRAINSTONE					GRAINSTONE; YELLOW GRAY; INTERGRANULAR; PIN POINT VUGS; FINE TO MEDIUM; CALCILUTITE; MOLLUSK
840	1040	PACKSTONE					PACKSTONE; YELLOW GRAY; FG-GRANULAR; MOLDIC; PIN POINT VUGS; HIGH PERMEABILITY; CALCILUTITE; MOLLUSK
1040	1100	PACKSTONE					PACKSTONE; YELLOW GRAY; FG-GRANULAR; MOLDIC; PIN POINT VUGS; HIGH PERMEABILITY; CALCILUTITE; MOLLUSK
1100	1150	PACKSTONE					PACKSTONE; YELLOW GRAY; FG-GRANULAR; MOLDIC; PIN POINT VUGS; HIGH PERMEABILITY; CALCILUTITE; MOLLUSK
1150	1160	PACKSTONE					GRAINSTONE; YELLOWISH GRAY; INTERGRANULAR; PIN POINT VUGS; FINE TO MEDIUM; CALCILUTITE; MOLLUSK
1160	1210	WACKESTONE					WACKESTONE; YELLOWISH GRAY; INTERGRANULAR; PIN POINT VUGS; CALCILUTITE; FG-GRANULAR; SOME DOLOMITE
1210	1250	WACKESTONE					WACKESTONE; YELLOWISH GRAY; INTERGRANULAR; PIN POINT VUGS; CALCILUTITE; FG-GRANULAR; SOME DOLOMITE
1250	1270	NO SAMPLE					NO SAMPLE
1270	1347	WACKESTONE					WACKESTONE; YELLOWISH GRAY; INTERGRANULAR; PIN POINT VUGS; CALCILUTITE; FG-GRANULAR; SOME DOLOMITE
1347	1440	DOLOSTONE					DOLOSTONE; YELLOWISH BROWN; INTERGRANULAR; PIN POINT VUGS; DOLOMITIC CEMENT; FG-MEDIUM
1440	1450	WACKESTONE					WACKESTONE; YELLOWISH GRAY; INTERGRANULAR; PIN POINT VUGS; CALCILUTITE; FG-GRANULAR; SOME DOLOMITE
1450	1490	DOLOSTONE					DOLOSTONE; YELLOWISH BROWN; INTERGRANULAR; PIN POINT VUGS; DOLOMITIC CEMENT; FG-MEDIUM
1490	1500	DOLOSTONE					DOLOSTONE; DARK YELLOWISH BROWN; INTERGRANULAR; PIN POINT VUGS; DOLOMITIC CEMENT; FG-MEDIUM
1520	1610	DOLOSTONE					DOLOSTONE; DARK YELLOWISH BROWN; INTERGRANULAR; PIN POINT VUGS; DOLOMITIC CEMENT; FG-MEDIUM
1610	1750	DOLOSTONE					DOLOSTONE; YELLOWISH BROWN; INTERGRANULAR; PIN POINT VUGS; DOLOMITIC CEMENT; FG-MEDIUM; SOME GYPSUM
1750	1800	DOLOSTONE					DOLOSTONE; DARK YELLOWISH BROWN; INTERGRANULAR; PIN POINT VUGS; DOLOMITIC CEMENT; FG-MEDIUM

