

SPR7030M2 Lithology Log

Lithologic Description
Well graded GRAVEL with silt (GW-GM), varicolored, subangular to subrounded, poor to moderate cemented pinkish-white quartzite and gray to dark gray limestone. Matrix is brown, poor to moderate cemented silt with minor subrounded very fine grained sand.
SILTY CLAY with some gravel (CL-ML), light brown, moderate to well cemented, low plasticity. Gravel is coarse, gray, subrounded, non-cemented quartzite.
Clay (CL) with some sand, gray, medium plasticity. Sand is poorly graded, very fine to fine grained, subangular to subrounded, medium cementation quartzite.
Well graded GRAVEL (GW) with some clay, varicolored, subangular to subrounded, non-cemented quartzite. Matrix is gray, low to medium plasticity clay.
Fat CLAY (CH) with some gravel, dark gray, high plasticity. Gravel is dark gray, subrounded, non-cemented limestone and quartzite.
Lean CLAY (CL) with some gravel, dark brown, medium plasticity. Gravel is well graded, varicolored, subangular to subrounded, non-cemented quartzite.
Well graded GRAVEL (GW) with sand, varicolored, subrounded, non-cemented Quartzite. Matrix is varicolored, subangular to subrounded, non-cemented quartz (quartzite).
Poorly graded SILTY SAND (SM) with gravel, tan to light brown, subangular to subrounded, non-cemented. Gravel is pinkish-white to dark gray, angular to subangular, non-cemented quartzite.
Well graded GRAVEL (GW) with sand, varicolored, subrounded, non-cemented Quartzite. Matrix is varicolored, subangular to subrounded, non-cemented quartz (quartzite).
Lean CLAY (CL) with gravel, tan to brown with medium plasticity. Gravel is medium to well graded, varicolored, subrounded, non-cemented quartzite.
Poorly graded SILTY SAND (SM) with gravel, tan to light brown, subangular to subrounded, non-cemented. Gravel is pinkish-white to dark gray, angular to subangular, non-cemented quartzite.
Well graded GRAVEL (GW) with minor silt, varicolored, subangular to subrounded, non-cemented quartzite. Matrix is tan, non- to poorly cemented silt.
Well graded GRAVEL (GW) with clay, varicolored, subangular to subrounded, non-cemented quartzite. Matrix is gray, medium plasticity lean clay.
Fat CLAY (CH), gray with high plasticity.
Fat Clay (CH) with sand and gravel, brown with high plasticity. Sand is moderately graded, varicolored, subrounded, non-cemented quartzite. Gravel is moderately graded, varicolored, subrounded, non-cemented quartzite.
Poorly graded GRAVEL (GP) with clay, varicolored, subangular to subrounded, non- to poorly cemented quartzite. Matrix is gray with medium plasticity lean clay.
Poorly graded SILTY SAND (SM) with gravel, tan to light brown, subangular to subrounded, non-cemented. Gravel is pinkish-white to dark gray, angular to subangular, non-cemented quartzite.
Well graded GRAVEL (GW), varicolored, subangular to subrounded, non-cemented quartzite.
Fat CLAY (CH) with gravel, reddish-brown, moderately cemented with high plasticity. Gravel is well graded, varicolored, subangular to subrounded, non-cemented quartzite.
Well graded GRAVEL (GW), varicolored, subangular to subrounded, non-cemented quartzite.

Geologist	Depth (ft)			Primary Lithology	
	Initials	Top	Bottom		Thickness
KP		0	10	10	GRAVEL
KP		10	20	10	SILTY CLAY
KP		20	30	10	CLAY
KP		30	40	10	GRAVEL
KP		40	50	10	CLAY
KP		50	60	10	CLAY
KP		60	80	20	GRAVEL
KP		80	90	10	SILTY SAND
KP		90	110	20	GRAVEL
KP		110	120	10	CLAY
KP		120	140	20	SILTY SAND
KP		140	150	10	GRAVEL
KP		150	160	10	GRAVEL
KP		160	180	20	CLAY
KP		180	190	10	CLAY
KP		190	200	10	GRAVEL
KP		200	210	10	SILTY SAND
KP		210	220	10	GRAVEL
KP		220	230	10	CLAY
KP		230	240	10	GRAVEL