

SPK70231

Geologist	Depth (ft)			Primary Lithology	Lithologic Description
	Initials	Top	Bottom		
DH	80	90	10	GRAVEL	(GP) Pebbles, similar to above, except that fragments of 0.5 to 1.0 inches in diameter comprise a greater proportion of sample (50%). Poorly graded, even distribution of quartz and quartzite grains and pebbles with diameters that range from 0.06 to 1.0 inches. Approximately 10% of fragments are 0.5" to 1.0" in diameter. Rust stained fragments 5%.
DH	90	100	10	GRAVEL	(GP) Poorly graded, with quartz and quartzite fragments of 0.5 to 1.0 inches in diameter (10%).
DH	100	110	10	GRAVEL	(GP) 80% pebbles between 0.1 and 2.5 " diameter, primarily Poorly graded, with quartz and quartzite fragments.
DH	110	120	10	GRAVEL	(GP) Pebbles, similar to above. Off white quartz 30%; grey quartzite 70%, poorly graded 80% with diamters 0.05" to 0.3", and 20% with diamters 0.3 to 1.0 inch. Only ~2% of smallest grains show rust coloration. Angular 90% subangular 10%, no carbonates present.
DH	120	130	10	GRAVEL	(GP) Predominatly light grey to dark grey with translucent quartz fragments. Similar to the gravel above, with 10% less large pebbles. Some of the largest pebbles are rounded. Poorly graded , 90% < 0.3" diameter. .
DH	130	150	10	GRAVEL	(GP) Coarse light grey to dark grey gravel, poorly graded, with less than 5% fines. Angular quartz and quartzite fragments 85%. Large pebbles (0.5" to 0.15 ") compose 15% of sample are moderately rounded.
DH	150	180		GRAVEL	(GP) Very coarse gravel (70%) with less than 5% fines. Poorly graded, grey to dark grey angular quartz and quartzite fragments. Trace iron stained on quartz coarse sand size grains.
DH	180	200		GRAVEL	(GP) Pebbles (0.1" to 1.0" diameter), 50%, various colored angular to subangular quartzite fragments. Poorly graded, with minor rust staining on coarse sand and to silt sized (5%) fragments.
DH	200	260	10	GRAVEL	(GM) Gravel with silt, varied color, poor cementation, gravel is subrounded to subangular clear to blue-gray quartzite with minor rust staining. Also present is a blue gray well cemented vitrious sand/siltstone, breakable by hand. Matrix is fine grained tan silt.
DH	260	350	90	GRAVEL	(GP) Gravel with sand, poorly graded varicolored coarse sand (5%) with quartzite gravel and traces of silt.
TG	350	380	30	GRAVEL	(GM) Gravel with silt, varied color, poor cementation, gravel is subrounded to subangular clear to blue-gray quartzite with minor rust staining. Matrix is fine grained tan silt (5%).

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TG		380	400	20	GRAVEL (GM) Gravel with silt, varied color, poor cementation, gravel is subrounded to subangular clear to blue-gray quartzite with minor rust staining. Matrix is fine grained tan silt (5%). Trace amount of silt.
TG		400	420	20	GRAVEL (GC), Gravel with clay, varied color, poor cementation, gravel is subrounded to subangular clear to blue-gray quartzite with minor rust staining. Matrix is fine grained tan silty clay.
TG		420	490	70	GRAVEL (GM), Gravel with silt, varied color, poor cementation, gravel is subrounded to subangular clear to blue-gray quartzite with minor rust staining. Also present is a blue gray well cemented vitrious sand/siltstone, breakable by hand. Matrix is fine grained tan silt.
TG		490	520	30	GRAVEL (GM), Well graded gravel with sand and silt. Varied color. Gravel is subrounded to subangular with clear pink to blue-gray quartzite. Matrix is fine grained sand and tan silt.
ED		520	550	30	GRAVEL (GP) Gravel with sand, varicolored, gravel is subrounded to subangular clear to blue-gray quartzite.
		550	590	40	GRAVEL (GM) Gravel with silt and minor sand, varicolored quartzite with some iron staining on 15% clasts, coarse grained rounded to subrounded sands, Lt tan silt in matrix.
		590	600	10	GRAVEL (GP) Gravel with sand, varicolored quartzite gravel cobbles, coarse grained rounded to subrounded sands.
		600	610	10	GRAVEL (GP) Gravel with sand, varicolored quartzite 5% cobbles, coarse grained rounded to subrounded sand.
		610	650	40	GRAVEL (GP) Gravel with sand, varicolored quartzite boulders and cobbles, coarse grained rounded to subrounded silty sands.
		650	660	10	GRAVEL (GC) Gravel with clay, varicolored quartzite cobbles and subrounded quartzite gravel, and coarse sands with 10% orange clay.
		660	670	10	SAND (SC) Sand with clay, varicolored coarse sand, 10% orange silt and clay.
		670	680	10	SAND (SP) Sand with gravel, varicolored coarse sand with quartzite gravel and silt.
		680	700	20	SAND (SP) Sand with gravel, varicolored coarse sand with quartzite gravel cobbles
		700	710	10	GRAVEL (GP) Gravel with silt and minor sand, varicolored quartzite gravels with coarse sand and brown silt.
		710	720	10	GRAVEL (GP) Gravel with sand, varicolored quartzite gravels with coarse sand.
		720	730	10	GRAVEL (GP) Gravel with silt and minor sand, varicolored quartzite gravels with coarse sand and brown silt
		730	740	10	GRAVEL (GP) Gravel with sand, varicolored quartzite, slate and granitic cobbles with coarse sand and silt

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		700	710	10	GRAVEL (GP) Gravel with sand, varicolored quartzite gravel with coarse sand and silt
		710	720	10	GRAVEL (GP) Varicolored quartzite cobbles with coarse sand.
		720	730	10	GRAVEL (GP) Varicolored quartzite boulders 1t tan to 1t gray with sand and tan silt
		730	740	10	GRAVEL (GP) Varicolored quartzite and Myloniote or slate boulders 1t tan to 1t gray with sand and tan silt
		740	750	10	GRAVEL (GP) Varicolored quartzite and Myloniote or slate boulders iron staining on some quartzite surfaces
		750	760	10	GRAVEL (GC) Gravel with clay, varicolored silicic clasts of quartzite and purple metamorphic rocks, coarse subrounded quartz sands, brown silty clay.
		760	770	10	GRAVEL (GP) Varicolored quartzite cobbles with coarse sand and brown silt
		770	780	10	SAND (SP) Sand with gravel, varicolored coarse sand with quartzite gravel cobbles
		780	790	10	SAND (SP) Sand with gravel, varicolored coarse sand with quartzite gravel cobbles
		790	800	10	GRAVEL (GP) Gravel with silt and minor sand, varicolored quartzite gravels, clear pink and green with coarse sand and tan silt
		800	810	10	SAND (SP) Sand with gravel, varicolored coarse sand with quartzite gravel cobbles
		810	820	10	GRAVEL (GP) Gravel with silt and minor sand, varicolored quartzite gravels, clear pink and green with coarse sand and tan silt
		820	830	10	GRAVEL (GP) Gravel with silt, varicolored silicic clasts of clear quartzite with iron staining on some surfaces and purple metamorphic rocks, tan silt
		830	840	10	GRAVEL (GC) Gravel with silt and sand, varicolored quartzite gravels sand and tan silt and clay
		840	850	10	GRAVEL (GP) Varicolored silicic clasts of quartzite with iron staining on some surfaces and green metamorphic rocks, coarse subangular quartz sands
		850	860	10	GRAVEL (GP) Gravel with sand, varicolored clasts of quartzite and medium gray limestone, very angular to angular, with medium to coarse sand and trace clay
		860	870	10	SAND (SP) Sand with clay, varicolored fine to medium sand, clay content increasing downward, trace silts
		870	880	10	SAND (SP) Sand with clay, varicolored fine to medium grained subangular to subrounded sand
		880	890	10	SAND (SP) Sand with clay, varicolored fine to medium grained subangular to subrounded sand
		890	900	10	GRAVEL (GP) Varicolored very angular to angular clasts of quartzite and limestone, with some green and pink metamorphic clasts, trace sand

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NT	900	910	10	GRAVEL	(GP) Gravel with sand, varicolored very angular to angular clasts of quartzite and limestone, with some green and pink metamorphic clasts, trace sand
NT	910	920	10	GRAVEL	(GP) Gravel with sand, varicolored very angular to angular quartzite and carbonate gravel, with medium to coarse sand, trace green and red colored metamorphic sand grains
NT	920	990	70	GRAVEL	(GP) Gravel with sand, varicolored very angular to angular quartzite and carbonate gravel, with medium to coarse sand, trace green and red colored metamorphic sand grains
NT	990	1090	100	GRAVEL	(GP) Gravel with sand, varicolored very angular to angular quartzite and carbonate gravel, with large cobbles, and medium to coarse sand, trace green and red colored metamorphic sand grains
NT	1090	1100	10	GRAVEL	(GP) Gravel with sand, varicolored angular to subangular quartzite and carbonate gravel, with some large cobbles, and very little sand, silt or clay, trace orange and green colored metamorphic sand grains
RFD	1100	1220	120	GRAVEL	(GP) Gravel with sand some large cobbles, quartzite and limestone with traces of orange and green metamorphics, angular to sub angular sand.

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