

DRILL LOG - HOLE NO. PH-22 [Ph 12-22]

County: Sussex
 Quad: Fairmount
 Elev: 20' ASL
 Driller: Josh Williams
 Logger: L. Kearns

IAT:
 LONG:
 Drilled: Week of 9/3 - 9/5
 T.D.:
 Drill Method: Auger
 Sample Method: Auger Flight

<u>Depth in Feet</u>		<u>Description</u>
<u>From</u>	<u>To</u>	
0	2	Sand, med.-brown, med.
2	5	Sand; med. tan; med sand, silty, poorly sorted, subangular becoming coarser (med. to coarse sand), silty with occasional granules by 5'
5	6	Sand, light tan, coarse and v. coarse, with granules and small pebbles ($\frac{1}{2}$ cm), pebbles subangular. Poorly sorted. Some pebbles are chert.
6	10	Sand, light tan, going to gray-white, med. to coarse, silty, poor sorting, subangular, occasional granule
10	15	Sand, gray-white, med.-v. coarse, poorly sorted, some granules. One pebble (2 cm - quartzose), significantly more than top 10', subangular grains, granules are quartzose and some pink & white Feld.
15	18	Sand, gray-white, med. -coarse (mostly wet), poorly sorted becoming siltyer, first clay (white) ball at 17' occasional granule and rare pebble up to 1 cm. (granules are chert, quartzose, feld)
18	18½	Silt, gray-white, sandy.
18½	20	Same as 15-18:
20	25	Sand, gray-white, becoming fine to med. sand by 21', silt increasing, occasional granule (quartzose & chert), subangular grains.
25	30	Sand, gray-white, med.-fine, silty, granules, pebbles, poorly sorted, subangular, (pebbles are well rounded, subround and angular, up to 1½ cm, quartzose and siltstone

Ph 12-2

DRILL LOG - HOLE NO. PH-22 (Cont'd.)

<u>From</u>	<u>To</u>	<u>Description</u>
33	36	Sand; gray-white; medium, silty with some granules (subround-angular). Rare pebble (<1 cm) quartzose + siltstone. H.M. persisting, sand is subangular; sorting poor.
33	36	Sand, light tan, same as above except for a few more pebbles (quartzose + siltstone - subangular),
36	40	Sand; med. tan; medium, coarsens downward to and coarse - very coarse sand by 40', angular and subangular grains, more pebbles toward base (quartzose, 1-1½ cm, round-subround),
40	45	Sand, orange, v. coarse-coarse; very poorly sorted; common granules and Pebbles (especially 40'-42'); angular-subangular sand and granules; pebbles are round to subround;
45	51	Sand, light-tan, med.-fine, silty; moderate sorting, subangular,
51	60	Sand, orange; very coarse - coarse, coarsening downward, angular-subangular, many granules;

fines upward 0-45