

R/4 continued. Sheet 2 of 2

300	300-310 ft Cuttings 90% carb. silty clay Very little sandy clay component					R/4/305
310	Boundary gradational.					R/4/310
320	<u>CARBONACEOUS SILTY SAND</u> Predom greenish grey - with brown carbonaceous (peaty) streaks. Sand constituents highly altered. 320-355 ft sand coarse gr & white specks (kaolin after f/spar) and green specks (alt mafes) common. Some apparent clear rounded Qtz frags? Overall igneous texture? suggesting dolerite? boulders	n.p.	As peaty stringers 5% of silty sand 310-320 ft	Kaoli after f/spar white specks 20-30% silty sand.		R/4/315 R/4/320 R/4/325
330						R/4/330 R/4/335 R/4/340
340	Boundary indistinct					
350	<u>SILTY SAND</u> Predom greenish grey to light brown. Predom sand with minor silt matrix. No apparent carbonaceous material. Sand, fine gr, with obvious Qtz component (colourless to stained grey, sub rounded). + dull white specks (kaolin after f/spar) and grey green specks (altered mafes) Brown coloration due to ferrug staining? Silty matrix ↑ in abundance & depth.	Possible ferrug st. giving minor brown colour.	n.p.	Alt to clay? mins?		R/4/345 R/4/350 R/4/355 R/4/360 R/4/365
360	365-375 ft 40% silt 60% sand					Difficult to determine accurate %'s due to contam. of cuttings & washing fluid.
370						R/4/370 R/4/375
380	Boundary DISTINCT					
380	<u>MEDIUM TO COARSE SAND</u> Predom sand & minor 4% silt matrix (contamination). Sand predom Qtz clear to dull grey, rounded to sub rounded, & some minor f/spar? possibly stained Qtz (2-3%), angular. Frequent peaty chips in cuttings (variable & depth)		As peaty chips concentrations of 375-380 ft 5% 380-420 2-3% 420-435 60%	Minor const. of coarse to medium sand.		R/4/380 R/4/385 R/4/390 R/4/395
390	375-380 ft 5% peaty chips 380-420 ft 2-3% peaty chips } in cuttings.					R/4/400
400						R/4/405 R/4/410 R/4/415 R/4/420
420	420-425 ft 60% peaty chips Silt component ↑ & depth Gradational boundary.					R/4/425
430	<u>SANDY SILT</u> Predom grey in colour & obvious Qtz component. Silt. has grained constituents? Homog texture. Carbon as small 1/6" peaty chips 2-3% throughout.	n.p.	As peaty chips 1/6" 2-3% throughout	Alt to clay? mins?		R/4/430 R/4/435 R/4/440
440						R/4/445
450	Boundary gradational.					
450	<u>SILTY CLAY WITH LENSES OF SILTY SAND AND MODERATELY COMPACTED CARBONACEOUS SILTY CLAY</u> Variable grey to light grey, with orange patches and near brown streaks. Clay - fine gr, light grey & constituent clay minerals. Silty sand, predom Qtz, dark grey. Carbonaceous silty clay, dark brown, homog text, non plastic, moderately compacted. Orange coloured patches (5% of cuttings) ⇒ ferrug st. matrix.		As ferrug st. in orange patches (5% of cuttings)	As in basal stratal comp. next st. carb. silty clay	Alt to clay minerals	R/4/450 R/4/455 R/4/460 R/4/465 R/4/470 R/4/475 R/4/480 R/4/485 R/4/490 R/4/495
470						
480						
490						
500	End of Hole 495 ft.					