

200	increase in silt component depth.					S/15/205	S/15 CONTINUED SHEET 2 OF 2
210						S/15/210	
220	DISTINCT BOUNDARY. MEDIUM TO FINE SAND Interbedded SILTY SAND. % abundance of components relatively constant depth. Medium to fine sand: predom. qtz subangular to subround, apparent fl/spar dull white to yellow + green mineral. SILTY SAND: predom. fine sand = obvious major qtz (grey to clear) sub rounded ~, yellow specks of kaolin? + fine grained (10-20%) greenish mineral + dark mineral or lithic grains ~2% - colour of silty sand greenish grey. 215-260: ~40% silty sand ~60% sand (fine).		np	7% peaty chips thru out.	yellow specks (kaol) in silty sand. dull white to yellow specks in fine sand. - ang. ~10%.	S/15/220 S/15/225 S/15/230 S/15/235 S/15/240	
230						S/15/245 S/15/250	
240						S/15/255	
250						S/15/260	
260	260-270: ~80% sand ~20% silty sand					S/15/265 S/15/270	
270	270-275: increase in silt component decrease in sand component. DISTINCT BOUNDARY.					S/15/275	
280	PEAT = minor Band(s) of CARBONACEOUS SILTY CLAY. Peat is composed of decomposed black to brown carbonaceous material + peaty black chips carbonaceous silty clay. - fine grade mud - brown - rare orange brown frags of clay 2% scattered through cuttings - refer opposite		np	275-280 peat. 280-295 ~70% peat.	Alt. to clay mins.	S/15/280 S/15/285 S/15/290 S/15/295	275-280: ~10% sand contamination. ~60% peat. ~30% silty clay 280-295: ~70% peat. ~30% silty clay.
290							
300	SAND = PEATY CHIPS (50-60%) sand - coarse - 40%		np	50-60% peaty chips	minor const. of sand	S/15/300	
310	PEAT = Bands of CARBONACEOUS SILTY CLAY and minor Peat as from 275-295'. 60-70% carb silty clay: as for 275-295' - 30% non carb. clay - yellow brown to red brown ~5%		np	peaty chips 60-70%	np	S/15/305 S/15/310	
320	PEAT - dark brown to black - decomposed carbonaceous material. 310-320: ~5% medium sand frags qtz => possibly thin bands through peat or contamination 320-330: ~100% black peat.		np	310-320 ~95% peat. 320-330 100% peaty	np	S/15/315 S/15/320 S/15/325 S/15/330 S/15/335	
330	330-335: increase in silty clay component ~70% peaty material.						
340	Interbedded FERRUGINOUS (SILTSTONE) OR SILCRETE, CARB. SILT and PEAT. ferrug. (siltstone) orange to brown, hard coarse sand sized angular frags - 50-60%. carb. silt: increase depth 10-40% - hom. fine grade. 2 yellow specks. Peat: 20-30% throughout.		As ferrug. stain in siltcrete frags.	20-30% peat.	Alt. to clay mins.	S/15/340 S/15/345 S/15/350	
350	PEAT = minor Band(s) of SILCRETE and CARB. CLAY: cuttings predom peat ~10-20% carb. clay ~10% siltcrete		np	80% peat	"	S/15/355	
360	Interbedded CARBONACEOUS CLAY, SILT, CLAY and DOLERITE PEBBLES. rare peaty chips ~2% throughout. carb. clay: moderately compacted. brown. SILT: as for 335-350' - decrease depth. clay: grey, fine grade mud = coarse feel due to presence of small coarse sand size spherical aggregates => hard possibly foraminifera. Dolerite pebbles: - extensively decomposed, greenish grey to green clay frags = profound igneous texture. % abundance of components variable depth. - rare qtz (clear, subrounded) frags 1/8" throughout cuttings, possibly contamination 355-360: common siltstone frags 5-10% in otherwise predom carb. silt ~60%, carb. clay ~30% = peaty frags ~10%.		np	2-5% peaty chips - ↓ = depth.	Alt. to clay mins.	S/15/360 S/15/365 S/15/370 S/15/375 S/15/380 S/15/385 S/15/390 S/15/395	
370							
380							
390							
400	360-380: increase in grey foram clay ~50% - decrease in silt ~10% increase in carb. clay 30-40% refer opposite					S/15/400 S/15/405 S/15/410	* 380-40: increase in forams. up to 60% in cuttings. - overall grey brown colour - carb. clay frags 20-30% - dolerite pebbles increas. 2d dpth 20-40%.
410	380-420: increase in grey DOLERITE: - grey green to dark green. Igneous texture - hard.		np	np	Alt. to clay mins.	S/15/415 S/15/420 S/15/425 S/15/430	
420							
430							
440	END OF DOLERITE HOLE - BASEMENT - 430 FT.						

