

Depth (ft)	Description	Color	Texture	Notes	Sample ID
200	Overall plastic sand & apparent fine gr. Qtz (clear)				S/9ii CONTINUED SHEET 2 OF 2
210	Common 2-3% carb peaty chips throughout				S/9ii/210
210	Boundary NOT distinct				
220	SILTY CLAY Grey plastic, predom clay; minor silt component. Silt ↑ & depth. Apparent white specks 5% (Kaolin after fl/par). Rare frags of carb. plastic clay.		n.p.	1% peaty chips	Common white kaolinic specks in silt (a/par fl/par)
220	Minor peaty chips 1% throughout.				S/9ii/225
230	INTERBEDDED SANDY SILT, CARBONACEOUS CLAY AND SILCRETE. Sandy silt-grey, predom silt 60% + fine sand 40%. Sand & apparent ang. Qtz + white kaolinic specks. Carb clay - moderately compacted, homog, heavy brown clay, non plastic. Silcrete brown, ang, hard siliceous frags.		n.p.	As carb clay interstratified	White kaolinic specks in sand silt (a/par fl/par?)
240	Relative abundance carb clay 60-70% abundant carb clay 30-40% silcrete 5%				S/9ii/240
240	COARSE SAND Poorly sorted. Predom Qtz (ang) clear to grey & minor fl/par (ang) dull white to yellow frags 5-10%. Carb peaty chips 5-10%.		n.p.	5-10% peaty chips	As minor 5-10% sand const.
250	INTERBEDDED SAND, CARBONACEOUS CLAY, SILTY SAND, SILCRETE AND MINOR NON-CARB. CLAY. Abundance of components variable & depth. Coarse sand as from 240-245' Carb clay } as from 225-240' Silcrete		n.p.	As interstratified of carb clay + common peaty frags throughout	As minor const. of sand 5-10% kaolinic specks (a/par fl/par) in silt sand.
260	Silty sand - predom sand 60% in silty matrix. 40% apparent Qtz (ang. clay) + greenish frags + kaolinic specks in fine gr matrix. Common 2% peaty frags throughout. Non carb clay - minor abundance only grey and yellow brown, homog.				S/9ii/260
270	245-255' 50% sand, 20% silt, sand, 20% carb clay 255-260' 50% carb clay, 30% sand, 20% silt, sand				S/9ii/270
280	260-265' 20% sand, 60% silt, sand, 20% carb clay 265-275' 60% sand, 10% carb clay, 20% silt, sand ? ↑ in silt component 10% silcrete ↑ & depth.				S/9ii/280
280	275-290 ft silcrete 40% coarse sand 20% non carb clay (yellow brown) 30% of grey silty sand 20%.				S/9ii/285
290					S/9ii/290
290	SANDY SILT WITH BANDS OF CARBONACEOUS CLAY. Sandy silt variable grey, green to brown. Apparent yellow specks (kaolin after fl/par?) possible dull Qtz frags and common greenish fine gr mineral (silt) altered mafic? Carb clay 10% moderately compact - brown.		n.p.	As carb clay silt interstratified	All to carb minor kaolin after fl/par in silt.
300					S/9ii/295
310	INTERBEDDED COARSE SAND AND SILTY SAND. Coarse sand as from 240-245' Silty sand grey to greenish grey & predom sand grade Qtz + fl/par (altered) in fine gr minor grey green matrix. Rare carb clay frags Abundance 50:50.		n.p.	10% carb material	As minor sand const.
320	COARSE SAND Poorly sorted. Similar to coarse sand from 240-245'. Predom Qtz (ang) clear to grey. 10% & minor fl/par, dull white to pink, ang 5-10%. Common 10% peaty black chips.		n.p.	10% peaty chips	As minor 5-10% sand const.
330	INTERBEDDED COARSE SAND AND CARBONACEOUS CLAY AND SILTY SAND. Coarse sand as from 310-322' Abundance & depth. Silty sand contain only. 322-330' 60% sand 330-340' 20% sand Carbonaceous silty clay - moderately compacted to plastic brown. Silty sand grey to greenish brown & apparent Qtz minor fl/par in greenish matrix.		n.p.	As interstratified of carb clay + 2-3% peaty chips throughout	As minor sand const. + altered fl/par in silt sand.
340	Difficult to determine % abundances due to decoloration of settings & washing medium				S/9ii/345
350	350-390' Extensive interstratification of components				S/9ii/350
360	SANDY SILTY CLAY. Common 2-3% carbonaceous black peaty chips.				S/9ii/355
370	Carbonaceous clay abundance ↑ & depth sand abundance ↓ & depth.				S/9ii/360
380					S/9ii/365
390					S/9ii/370
390					S/9ii/375
390					S/9ii/380
390					S/9ii/385
390	Boundary NOT distinct				S/9ii/390
400	CARBONACEOUS CLAY WITH BANDS OF FORAMINIFEROUS CLAY AND MINOR NON-CARBONACEOUS CLAY. Carbonaceous clay - moderately compacted, brown, homog. Foraminifera - variable grey to pink 'mud' coarse silty due to presence of small sub-spherical aggregates (grey) - hard - forams?	Fe	As yellow brown stain in non carb clay	As interstratified of carb clay	All to carb minor
410	Non carbonaceous clay - yellow brown, moderately compact, homog. Possibly a spring st. matrix? 390-400 ft - predom carb clay 60-70% & yellow brown clay 10% and foraminifera clay 20% & 5% forams.	Fe	As reddish pink spring st.		
420	400-410 ft & in carb clay to 50%. Extremely abundant forams in foam clay. Rare < 5% yellow brown clay frags.	Fe	As reddish pink spring st.		
430	410-450 ft Mottled grey brown & rare reddish pink patches. Forams abundant & depth although concentrated in patches (oxygen rich?) patches. Carb clay ↓ & depth. Sil content ↑ & depth.	Fe			
440	Common hard silcrete? frags - siliceous? & hard	Fe			
450					
460	Boundary NOT distinct				
460	CARBONACEOUS SANDY SILT INTERBEDDED WITH FORAMINIFEROUS CLAY. Carbonaceous sandy silt - predom silt & minor sand grade patches & minor clay matrix. Common dark specks - carbonaceous material. Common sand grade kaolinic patches 10%. Apparent Qtz frags. Sand component to depth. Foraminifera clay (hard) - as from 390-400 ft. Pink to grey abundance ↓ & depth. Common peaty black chips throughout. 2-5%.	Fe	As reddish pink staining in minor patches of forams 'mud'	As interstratified of sandy silt - 2-3% peaty chips throughout. 465-470' 5% peaty chips	Kaolin after fl/par? white to yellow specks in sandy silt 10%
470	Clay component ↑ & depth sand component ↓ & depth.				S/9ii/475
480					S/9ii/480
490	485-510 ft Components inseparable due to contamination & decoloration of samples & washing medium. Samples resultant SANDY SILTY CLAY. 20% sand, 30% silt, 50% clay (mud?)				S/9ii/485
500	500-510 ft Rare pink forams clay patches < 1%.				S/9ii/490
510					S/9ii/495
520					S/9ii/500

END OF HOLE 510 FT

