

200					R/13/205	R/13 CONTINUED SHEET 2 OF 3
210					R/13/210	
	210-215' 10-20% peat fragments through carbonaceous clay. → probable band			10-20% peat	R/13/215	
220	CHARBONACEOUS SANDY SILT. Cuttings predom carbonaceous silt & minor 30-40% fine sand const. Sand & apparent Qtz.		np	As interstitial component of silty matrix	R/13/220	White to yellow kaolinite particles (after 1/2 hr.?)
	Silt abundant to depth. Common yellow white kaolinitic fags 5%. Overall homog. appearance.				R/13/225	
230	INTERBEDDED PEAT, PEATY CHIPS, CARBONACEOUS CLAY AND COARSE SAND. 225-235' predom peaty material 50-60% & minor frags of brown carb clay 30% and coarse sand frags. 5-10% (predom Qtz, clear, ang: & minor 1/3 por. Sand probable thin band		np	Peaty material 50-60% + interstitial carb. clay	R/13/230	As minor 5% const of sand component of cuttings
	INTERBEDDED CARBONACEOUS CLAY, LESS-CARBONACEOUS CLAY AND PEAT. Carbonaceous clay - dark brown, moderately plastic Homog. Abundant throughout cuttings.		np	2-3% peaty material throughout + interstitial of carb. clay	R/13/240	All to clay? mini?
240	Less carbonaceous clay - greyish brown, & apparent minor silt component. Homog. Minor abundance Common peaty material 2-3% throughout → bands?				R/13/245	
250	Abundance of grey clay ↑ & depth.				R/13/250	
	INTERSTREAKED GRAY CLAY AND MINOR BROWN CARBONACEOUS CLAY. Carbonaceous clay - as from 235-255' Abundance ↓ & depth. 20-10%.		np	As interstitial of minor carb. clay.	R/13/260	All to clay? mini?
260	Gray clay - now carbonaceous, fine gr, homog. plastic. Both clay inter streaked in cuttings? Plasticity ↑ & depth.				R/13/265	
270					R/13/270	
275	INTERBEDDED FERRUGINOUS CLAY, NON-CARBONACEOUS CLAY AND CARBONACEOUS CLAY. Ferruginous clay - bright orange to orange grey fine gr & minor silt component through fine gr. clay. Abundance ↑ & depth.		As ferrug. stain in orange clay	As interstitial of minor carb. clay frags	R/13/275	All to clay mini
280	270-280 ft 5%; 280-290' 20%; 280-300' 25% Non carbonaceous clay - grey, homog. fine gr predom clay mineral constituents, plastic. Plasticity ↑ & depth. Carbonaceous clay - minor abundance. dark brown, homog - thin bands.		Abundance of orange clay ↑ & depth.		R/13/285	
290					R/13/290	
					R/13/295	
300	295-300' Extremely plastic				R/13/300	
305	FORAMINIFEROUS FERRUGINOUS CLAY (MUD). Overall orange colour due to ferrug. staining of non plastic clay ('mud') matrix. Coarse feel due to presence of common 5-10% small (coarse sand grade) sub-spherical hard bodies - probable forams, scattered through matrix. Abundance of forams ↑ & depth.		As extensive ferrug. staining (orange) of clay matrix, consist.	np	R/13/305	All to clay mini?
310					R/13/310	
320					R/13/315	
	Silt component ↑ & depth				R/13/320	
330					R/13/325	
	Degree of orange ferrug. staining ↓ & depth.				R/13/330	
340					R/13/335	
					R/13/340	
					R/13/345	
350	FERRUGINOUS SANDY SILT. Variable orange to grey according to extent of ferrug. staining. Fine gr, homog. feel & minor sand (30-40%) component in silty clay matrix. Sand & apparent major Qtz (sub ang) + white kaolinitic specks? Silt constituents predom clay mins?		295-355 Orange ferrug. st.	np	R/13/350	Kaolin after 1/2 por.?
					R/13/355	
360	FERRUGINOUS SANDY SILT WITH PEAT BANDS. 20-30% peaty sandy chips through Homog. peaty silt cuttings		np	10-20% peaty material	R/13/360	Kaolin after 1/2 por.
370	FINE TO MEDIUM SAND INTERBEDDED WITH FERRUGINOUS SILTY CLAY. Overall orange colour. Abundance of components variable & depth. Sand - fine to medium gr. & minor coarse grade material. Constituents include Qtz (predom) clear to white, ang; minor fags - dull white and common 5% forams (grey to brown, spherical). Silty clay possible contain. only fine gr & ferrug stained matrix. Rare 1% peaty chips throughout		As ferrug. staining of silty clay (mud) matrix	np	R/13/365	As minor const. of sand dull white 5%
	360-380' 50% sand 50% silty clay (mud)				R/13/370	Extensive decoloration of cuttings & washing medium.
380	380-390' predom medium sand 60-70% 30-40% fine gr. matrix				R/13/375	
390	Coarseness of sand ↑ & depth				R/13/380	
	390-400 ft 50-60% medium to coarse sand 40-50% silty clay matrix (grey)				R/13/385	
400					R/13/390	
	400-415 ft 60-70% medium sand & abundant forams? 20-30% of sand 30-40% fine gr, ferrug matrix.				R/13/395	
410					R/13/400	
	Boundary NOT distinct.				R/13/405	
420	CLAY WITH MINOR BANDS OF FORAM BEARING SANDS. Forams sand as from 360-415 contamination only? Clay fine gr - ferrug matrix		As orange ferrug. staining of clay during ↓ & depth.	np	R/13/410	All to clay mini + minor sand const.
430	Abundance of forams ↓ & depth. Common grey clay frags ↑ in abundance & depth 425-435 ft 5-10% of cuttings				R/13/415	
	Boundary DISTINCT				R/13/420	
440	SILTY SAND. Overall green colour - moderately compacted. Poorly sorted. Predom sand, medium to coarse in minor silt (10%) matrix. Variably carbonaceous. Constituents include apparent Qtz, rounded to sub rounded, abundant fags, dull white fags, + abundant greenish mineral (decomposed mafic?). Rare reflecting specks - micaceous clay minerals. + rare very dark mineral specks		np	As peaty sand stronger 2-3% ↓ in abundance & depth	R/13/425	All to clay mini soft dull white frags through sand.
450	Possibly TRASSIC? Carbon as common peaty shingles through silty sand frags. Overall homog poorly sorted				R/13/430	
460	435-450' 2-3% carbonaceous material				R/13/435	
470	455-465' common coarse sand sized frags of ang Qtz + sub ang green mineral (rock?) 10-20% of cuttings				R/13/440	
480	Possibly silty sand & silt component washed out				R/13/445	
	485-495' 30-40% of cuttings coarse sand as from 455-465'				R/13/450	
490	Sand component ↓ & depth Silt component ↑ & depth				R/13/455	
	Boundary NOT distinct - probably gradual				R/13/460	
500	CLAY WITH MINOR FORAM BEARING SAND SANDY SILT WITH MINOR SILTY SAND FRAGS. Silty sand - overall grey as from 435-495' Sandy silt → fine gr, predom silt & minor Qtz sand const. Silt predom & clay mineral constituents		np	np	R/13/465	All to clay mini
	Rare hard silt frags - consolidated bands? 505-510 ft 5%				R/13/470	
510	END OF HOLE 510 FT				R/13/475	
					R/13/480	
					R/13/485	
					R/13/490	
					R/13/495	
					R/13/500	

