

Location: Base..... Top.....

Point.....

metres	Comments / Interpretation	Grainsize g v c m f v s clay	SEDIMENTARY STRUCTURES	SAMPLE/ PHOTO	Description / Notes
0					Rubby, ferruginous, poorly preserved lentic siltstone
5			L		Lentic, altered claystone & siltstone.
			L	red	
			L	8	Pale pink to white massive ferruginous claystone to silty claystone to siltstone.
10				pale pink	
				12.3	
15				white to v pale brown	v friable
				18 18.7 19.3	
20				reddish/brown	Heavily weathered, mottled ferruginous, clayey, friable fl-vf quartz arenite. Some mottling. Bedding indistinct.
				21.7	
25				orange/brown	mottled orange/tan/mid brown, micaceous bioturbated, wavy bedded fl-vf clayey sst & siltstone & some dispersed m-c sst grains
				28.1 orange	
30				29.8 orange	Overall coarsening - & sandier - upward cycle culminating in cl-ml clayey qtz sst bimodal and poorly sorted. No discernible bedding → may be extensively bioturbated.
				34.6 34.6 tan/orange	
35				36.5 tan	Tan/pale brown siltstone to silty claystone & numerous interbedded f g sst laminae Mottled. Bioturbated?
				39.5 40.8	Tan ml-fu sst & some clayey interbed Indistinct bedding.
40				40.8 pale-mid grey	Pale-mid grey silty claystone & rare sst interbed & stringers. Micaceous
				43.8 - Feox	
45	paraseq flood?			grey 46 orange grey 47.3 orange grey orange 49.8	Mid-dark grey, partly mottled flat to wavy thickly laminated siltstone to silty claystone & irregular v thin ml-f g sst interbed. Micaceous.
50				orange grey orange 49.8	Friable orange, m g clayey sst & minor <5cm claystone interbed.

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50	para-seq. fl. bed?			Orange/brown 51.3 51.5 black	Frangible, ferruginous, m-f grained, clayey sst Black/dk grey claystone 2 m or thin clay interbeds concentrated Fe @ 51m, grey friable up section
55				green/kahki	Kahki/bright green vf-fl silty qtz sst mottled & bioturbated & white clayey burrow moulds. Glauconitic
60	↑ marine 75?			56.1 mid-dark bright green	Glauconitic Mottled, glauconitic, wavy interbedded siltstone & vf-m sst Laminated to v thin bedded & sand stringers, blocks & discontinuous beds Appears to be moderately bioturbated.
65				61.6 62.9 63.6 mid grey	silty claystone
70				orange 69.0 grey 69.6 orange	Highly friable, partly conglomeratic v small pebble to vc gravel, in a clayey matrix No apparent bedding Pale grey silty claystone Vfriable, granule to coarse qtz arenite No apparent bedding.
75				gray 72.3 orange white 74.4 orange 76.4 grey	
80				83.2 84.2	Coaly siltst @ top of cycle Dk grey, friable, mod-poorly sorted, subrounded , vc-mv qtz arenite & clay matrix
85				all mid grey	
90				95.1 96.7	Quite a bit of core loss ⇒ most likely to be the fine-grained upper parts of cycles that are lost.
95					siltstone cap to f.u. sst cycle.
100					





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100					Mid grey, friable
105				106.1	Mid grey silty claystone & siltstone
110					pale-mid grey clayey siltst
115				mid grey 2 black Coaly intervals 117.3	Series of small, thin, fining upward cycle each capped by a thin coal or v coaly siltstone. Base of each cycle is a friable, m-fgtz clayey sst. Bulk of each cycle is a grey/brown clayey siltstone & wispy coaly laminae
120					EOH 122.1 m