

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



metres	Comments / Interpretation	Grainsize g v c m f v s clay	SEDIMENTARY STRUCTURES	SAMPLE/ PHOTO	Description / Notes
0	X = samples			red/orange 1.2	Interstitic sst orange-red
				orange	Orange, partly friable, f clayey sst.
5				4.5 5	pale grey/white sticky clay
				orange	Pale orange clayey sst. No distinct bedding.
				7.7	
10				pale grey to white	Pale grey - whitish/grey, fine v f clayey sst. Slightly friable
				10.5	
				orange	Very friable clayey sst to siltstone
				12.3	Very friable c-vc poorly sorted white sst
15				brown	Brown, flat thin bedded siltstone to v f sst. Veins & Fe-stained fractures @ high angle to bedding.
	X			17.1	
20					Mottled pale-mid brown siltstone to clayey v f graded sst. Minor, v thin discontinuous sandy beds
	X			24.5	
25				dk orange	
	X			dk grey	
30					Mottled v thinly interbedded v f-f qtz sst & clayey siltstone. Rarer silt & clay dominated interval < 10 cm thick
	X			dk green - black	Dk green-black, clayey siltstone & minor v f sst interbeds, mostly discontinuous sst stringers & blebs.
35					Rare, dispersed, rounded, qtz pebbles upto 1.5cm
	X			glaucinite	Very small sharp-based cycles of glauconite.
40				orange	Orange/brown, friable, weathered, poorly sorted, v coarse to med-fine clayey sst. arenite. Lower contact appears as an Fe-cemented layer.
	X			orange/dk brown	
				41.6 dk green	Clay & siltstone dominated. Flat to wavy laminated
	X			42.5	
45				brown/ yellow/ orange	
				mid green	Indistinctly bedded vc to m-f to f qtz sst & clayey matrix Some dk green, v thin clay interbeds Gradually fining upwards
50					

Fe staining

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50	X			50.1 53.9	Dk gray clays fore.
55	X			53.9 55	pale/bright green, m-f, friable sst sticky, plastic claystone & v minor siltstone.
60				pale green 62	Mostly slightly micaceous, flat laminated pale-mid green gtz siltstone to v f sst. Clayey matrix throughout.
65	X			mid-dk green	
70	X		wavy thick bedding massive	dk green. black 70.9	Apparent coarsening upwards from pure claystone to silty clay to v fine silty sst. Black-dk grey, sticky claystone to v fine siltstone
75					Thick series of friable, poorly bedded gtz sandstone, mid grey. Gradually coarsening upwards from f-m to coarse, mostly mid to poorly sorted. Occasional sticky clay interbeds 1-2 cm thick. No coal
80					
85	X		blobs of sst.	Irregular bedding.	pale-mid green, friable, f-m sst. becoming clayier up section
	X			85	v dark green v siltstone
				87	Dark green friable, poorly sorted rounded subrounded sandy gtz sst (generally m-vc grained),
90				gradational?	Mottled green/grey siltstone to v fine sst & clay matrix. Mostly irregularly flat to wavy laminated, rare chert 1 possible burrows
95	X			94.7 95	Mid green, partly friable, silty f-v sst & clay matrix & minor coal.
	X			96.3 black	Block parts of sst have discontinuous coal fragments. Some small, low angle, X-bedding
	X			pale green/grey 99.6	Pale grey/green, v poorly sorted subrounded granule to coarse sst & intermittent coal beds 2-10 cm thick. Coal @ 99.7 98.7 98.6 98.4 v fine sst green grey siltstone & sandy blebs & wavy < 1 cm thick
100					
101					

E0H 101.0 m