

Drill Log FDH01

From	To	Interval	Thickness	Major Unit	Description
0.0	21.5	21.5	21.5	Cretaceous	duricrust passing down into sandstone, porcellanite
21.5	26.0	4.5	13.6	Middle Dolostone	reddish-brown laminated mudstone with cm-scale lenses of siltstone. BOX at 26M
26.0	33.6	7.6		marl and shale	pale olive green laminated mudstone; some zones contorted laminae and lenses, with edgewise breccias.
33.6	35.1	1.5			similar pale olive mudstone with increasing abundance of siltstone lensed with minor GL
35.1	42.9	7.8	14.5	Upper GL	Medium grained cross-bedded sandstone beds on decimeter scale; individual ssn beds vary 10 - 50% GL , minor shale
				Sub-Member	At 42.1 is 7cm bed of very rich GL 80%, black rounded grains, with intraclasts of shale grading upward
42.9	49.6	6.8		(Boat Landing unit)	Beige coloured medium-grained sandstone with 10% GL
					Small scale cross-bedded lenses with GL on basal laminations GL 5-10%
					Sandstone lenses load-casted into thin olive-green wispy shale laminae
					At 46.85 is 15cm bed of coarser sandstone with 25% GL.
49.6	50.0	0.4	4.9	Lower GL	Commencement of lower glauconite rich member. Lenses of GL ssn 2-3cms in wispy wavy olive-green mudstone.
				Sub-Member	Between 49.6 - 50 are three beds of 10cm thicknes of rich black GL 60%, within sequence otherwise 20% GL
50.0	54.5	4.5			Interlaminated ssn lenses with 10%GL , separated by wispy green mudstone. At 54.5 is lowermost glauconite-rich bed with 70%GL
54.5	59.0	4.5	8.5	Ginger Sandstone	Olive green shale with thin ssn lenses; coarsening downward into med-gr ginger coloured sparkly ssn in meter-thick beds 2 - 5% GL
59.0	63.0	4.0			Wispy olive shale with small siltstone lenses; Passing down into un-laminated clean med-gr ssn sparkley beds 30-60cm thick. 2-5%GL.
					Hole stopped in running sands (probably 12.7m short of bottom of Sandstone Unit)

Hole FDH02

0.0	0.7	0.7	0.7		sandy soil
0.7	3.2	2.5	10.2	Upper GL	Red-brown Glauconitic sandstone 20-30%GL
3.2	3.6	0.4		Sub-Member	Red brown sandstone minor glauconite, thin shales
3.6	6.6	3.0		(Boat Landing Unit)	Red-brown sandstone 20%GL
6.6	7.6	1.0			Red-brown sandstone 5% GL
7.6	10.9	3.3			Cross-bedded sandstone 30% GL
10.9	14.1	3.2	9.0	Lower GL Member	Flaser bedded ssn with 15%GL, Thin olive coloured shale interbeds and wisps
14.1	15.4	1.3			Mottled glauconitic sandstone cross bedded lenses, balls, nodules 20% GL within green streaky mudstone
15.4	19.9	4.5			Mottled nodular ssn lenses , load casted, glauc ssn 40-50% GL into olive mudstone wisps.
19.9	20.7	0.8	20.1	Ginger Sandstone	Pale green and brown laminated mudstone
20.7	34.0	13.3			Reddish brown sandstone, sparkley voids, 5-10% GL. BOX at 34m
34.0	40.0	6.0			Pale green-cream speckled sparkley sandstone 5%GL; Possible Fontainbleu carbonate sandstone .
40.0	41.0	1.0		Lower dolostone	Green shale and mudstone, with intraformational conglomerate
41.1	46.0	4.9			Cavity with no water return or core recovery