

DONDU-1

369037

DEPTH	%	DESCRIPTION
4640 - 4670	cont'd	* Abundant very fine grained, clear, clean, quartzose sand, being pulled out by the desander. So believe we are drilling through some very fine thin sand stringers!
4670 - 4700		SAMPLE AS ABOVE - with abundant very fine grained unconsolidated quartzose sand from desander. (Basal Oligocene sand?)
4700 - 4730	50	<u>Siltstone</u> , as above.
	50	<u>Mudstone</u> , as above.
4730 - 4760		SAMPLE AS ABOVE. (Very fast drilling up to 1600'/hr.)
4760 - 4820		SAMPLE AS ABOVE.
4820 - 4880	60	<u>Mudstone</u> , as above.
	40	<u>Siltstone</u> , as above.
4880 - 4910	70	<u>Mudstone</u> , green grey - medium grey, firm, calcareous, glauconitic, fossiliferous, with forams.
	30	<u>Siltstone</u> , brown, firm, calcareous, glauconitic.
	Trace	<u>Sandstone</u> , quartzose, unconsolidated, weakly consolidated, white, well sorted, subangular to subrounded, glauconitic, clean with good porosity and permeability, scattered 2 mm diameter pyrite aggregates.
4910 - 4940		SAMPLE AS ABOVE
4940 - 4970		SAMPLE AS ABOVE with trace hard, tight, tan dolomitic sandstone, fine grained, well sorted, subangular to subrounded, glauconitic.
4970 - 5000	60	<u>Mudstone</u> , as above.
	30	<u>Siltstone</u> , as above
	10	<u>Sandstone</u> , tan quartzose, hard, indurated, fine grained, well sorted, subangular to subrounded, glauconitic with hard, tight, dolomitic/calcareous cement. No show.
5000 - 5030		SAMPLE AS ABOVE
5030 - 5060		SAMPLE AS ABOVE
5060 - 5080	60	<u>Mudstone</u> , as above, possibly harder. (slower drill rate)
	40	<u>Siltstone</u> , as above.
5080 - 5100		SAMPLE AS ABOVE. With trace tan dolomitic sandstone, as above. Introduction of a darker red-brown <u>siltstone</u> fraction.
5100 - 5120		SAMPLE AS ABOVE.
5120 - 5140	40	<u>Siltstone</u> , red brown, firm, calcareous. (New lithology).
	20	<u>Siltstone</u> , brown, as above.
	40	<u>Mudstone</u> , as above
5140 - 5160		SAMPLE AS ABOVE, with trace tan dolomitic sandstone.
5160 - 5170	70	<u>Mudstone</u> , green-grey to medium grey, firm, calcareous, fossiliferous, (forams), glauconitic in part.
	30	<u>Siltstone</u> , 50:50, Red brown and brown, as above, i.e. slightly calcareous, glauconitic, firm, pyritic in part.
5170 - 5180	50	<u>Siltstone</u> , dominantly dark red brown, as above.
	50	<u>Mudstone</u> , as above.
5180 - 5190		SAMPLE AS ABOVE.
5190 - 5200		SAMPLE AS ABOVE.