

Sample Descriptions cont'd

DONDU-1

369036

DEPTH	%	DESCRIPTION
4010 - 4070	70	<u>Mudstone</u> , as above.
	30	<u>Sandstone</u> , tan, quartzose, very fine to fine grained, very calcareous, with calcareous matrix, well sorted with glauconite pellets. Firm, homogeneous, poor porosity and permeability, no show. Grading to siltstone.
4070 - 4100	50	<u>Mudstone</u> , as above.
	30	<u>Sandstone</u> , as above, white and sucrosic in part.
	20	<u>Siltstone</u> , pale brown, very calcareous, argillaceous, grading to very fine grained sandstone.
4100 - 4130	40	<u>Siltstone</u> , pale brown consolidated, soft to firm, argillaceous very calcareous, pyritic, glauconitic.
	50	<u>Mudstone</u> , green-grey, medium grey, firm, calcareous, glauconitic with abundant forams.
	10	<u>Sandstone</u> , white to tan, quartzose, with calcareous matrix, sucrosic texture with scattered green glauconite pellets, wells sorted, subangular to subrounded, tight, no show, pyritic in part, very fine to fine grained.
		Abundant pyrite aggregates and glauconite pellets coming out of desander.
4130 - 4160	60	<u>Mudstone</u> , as above.
	40	<u>Siltstone</u> , as above.
	Trace	<u>Sandstone</u> , with dark yellow mineral fluorescence due to dolomite cement in a couple of aggregates.
4160 - 4190	70	<u>Mudstone</u> , as above.
	30	<u>Siltstone</u> , as above.
4190 - 4250		SAMPLE AS ABOVE.
4250 - 4280	80	<u>Mudstone</u> , as above.
	20	<u>Siltstone</u> , as above.
4280 - 4310	90	<u>Mudstone</u> , as above.
	10	<u>Siltstone</u> , as above.
4310 - 4340		SAMPLE AS ABOVE with trace <u>Sandstone</u> , as above without fluorescence.
4340 - 4370	90	<u>Mudstone</u> , as above.
	10	<u>Siltstone</u> , as above.
4370 - 4400	70	<u>Mudstone</u> , as above.
	30	<u>Siltstone</u> , as above.
4400 - 4430	80	<u>Mudstone</u> , grey-green to medium grey, firm, calcareous fossilifer with forams, glauconitic.
	20	<u>Siltstone</u> , brown, firm, calcareous, glauconitic, sandy in part.
4430 - 4460		SAMPLE AS ABOVE
4460 - 4490		SAMPLE AS ABOVE
4490 - 4520		SAMPLE AS ABOVE
4520 - 4610		SAMPLE AS ABOVE.
4610 - 4640	60	<u>Mudstone</u> , as above. 4630' HW 10 cc. C ₁ 7000 ppm.
	40	<u>Siltstone</u> , brown, firm, calcareous, glauconitic grading to sandstone.
4640 - 4670		SAMPLE AS ABOVE- Scattered pin point pyrite.