PROGNOSED STRATIGRAPHY

T&A Survey / Trias Westland

RT: 8.42

NLW-GT-02-S1

Group	Formation	Member	Description	Depth AHRT [1]	TVDRT	TVDSS [2]	+/-	AHRT	TVDRT	TVDSS [2]
NU	Quaternary	"Various"								
	Oosterhout		Succession of sands, sandy clays, and grey and greenish clays.	220	220.0	211.6		220	220	*212*
	Breda		Sequence of marine, glauconitic sands, sandy clays and clays.	398	398.0	389.6		398	397	*389*
NM	Rupel		Mainly dark brown-grey clays. May become more silty towards base and top.	*437*	437.0	428.6		438	436	*428*
NL	Dongen		Formation of dark-grey, green and brown, slightly calcareous clays, with few intercalated, glauconitic sands. The lowermost part of the formation is characterised by tuffaceous clays.	*457*	457.0	448.6	+/- 20	461	458	*450*
	Landen	Landen Clay	Generally dark-green, hard, flaky clay, somewhat silty, containing glauconite, pyrite and mica. The basal part of the member can be marly and of a lighter colour.	*714*	714.0	705.6		717	708	*700*
CK	Houthem / Ekofisk		White, chalky limestones containing rare white and grey nodular and bedded chert layers, and thin, grey to green clay laminae.	*720*	720.0	711.6		729	719	*711*
	Ommelanden		Succession of white, yellowish-white or light-grey, fine grained limestones, in places argillaceous. Layers of chert nodules can be very common over thick intervals. Tongue of sandstone may be present.	*749*	749.0	740.6		763	752	*744*
	Texel	Plenus Marl	Dark-grey, partly black, calcareous, laminated claystone.	*1194*	1194.0	1185.6		1213	1195	*1187*
		Texel Marlstone	White to light-grey limestones and marly chalks, becoming more marly and clayey to the base.	*1196*	1196.0	1187.6		1216	1198	*1190*
		Texel Greensand	Greenish, glauconitic, calcareous sandstones with intercalated marls.	*1239*	1239.0	1230.6	+/- 50	1256	1238	*1230*
KN	Holland	Upper Holland Marl	Grey and/or reddish brown marls and calcareous claystones.	*1257*	1257.0	1248.6		1267	1249	*1241*
		Middle Holland Claystone	Grey and/or red-brown calcareous shaly claystone, with a distinctly lower lime content than the under- and overlying members. Traces of siltstone.	*1431*	1431.0	1422.6		1448	1425	*1417*
		Holland Greensand	Alternation of greenish grey, very glauconitic, very fine- to fine-grained, argillaceous sandstones, locally silt-stones with calcareous or sideritic cement and olive-grey claystones.	*1516*	1515.0	1506.6		1519	1495	*1487*
		Lower Holland Marl	Grey and red-brown marl or calcareous, fissile claystone, frequently with intercalated bituminous claystone beds. Traces of silt- and sandstone.	*1618*	1615.0	1606.6		1649	1622	*1614*
	Vlieland	De Lier	Alternation of thin-bedded, very fine- to fine-grained argillaceous sandstones, generally glauconitic and lignitic, and sandy claystones. Glauconite and shell fragments common.	*1753*	1743.0	1734.6		1786	1755	*1747*
		Vlieland Claystone	Dark brownish-grey to grey claystone. Mica and very fine lignitic matter are common. Claystones very slightly calcareous. Can be become very silty to sandy with many intercalated siltstone and/or sandstone.	*1905*	1880.0	1871.6	+/- 75	1930	1895	*1887*
		Berkel Sandstone	Sandstone, light-grey, very fine- to fine- and medium- to coarse-grained, locally gravelly, lignitic, locally glauconitic or with sideritic concretions. Especially in upper part, calcareous cemented beds are common.	*2171*	2095.0	2086.6		2141	2092	*2084*
		Berkel Sand-Claystone	Alternation of fine-grained, argillaceous sandstones and brown-grey silty to sandy claystones. Locally sideritic concretions are present.	*2205*	2120.0	2111.6		2187	2133	*2125*
		Rijswijk	Light- to medium-grey sandstones with a very fine to medium and locally gravelly grain size; mica, lignitic matter and siderite concretions are common.	*2432*	2280.0	2271.6		2324	*2253*	*2245*
SL	Nieuwerkerk	Rodenrijs Claystone	Medium- to dark-grey, silty to sandy lignitic claystones with common laminated or contorted bedding, and lignite/coal beds. Mollusc shells and siderite are common.	*2457*	2298.0	2289.6	+/- 100	2337	2264	*2256*
		Delft Sandstone	Light-grey massive sandstone sequence, fine to coarse-gravelly, fining upward, lignitic. Interbedded brownish grey claystones in between sandstone bodies.	*2566*	2375.0	2366.6		2463	2367	*2359*
		Alblasserdam	Brownish grey clay- and siltstones with interbedded fine to medium grained sandstones. Coal and lignite beds are associated with the grey claystones.	*2722*	2485.0	2476.6		2562	2442	*2434*
			TD	*2815*	2551.0	2542.6		2680	2527	*2519*

[1] *Based on initial trajectory NLW-GT-02*

[2] *Depth to NAP*