GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

TROMS RESIDUAL OIL

GEOCHEMICAL STUDY

Well NOCS 7119/12-2

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INTRODUCTION

This well is from the Troms 1 area in the Barents Sea. It was a dry hole with shows.

A total of 224 samples was collected from the Norwegian Petroleum Directorate in Stavanger. All the samples were washed and described (1000 - 1902 m RKB). The analysed interval is from 1000 - 1902 m RKB, the sample interval being 3 m.

A careful selection was made of suitable samples for screening analysis, i.e. TOC and Rock-Eval analysis. Ninety-nine (99) samples were selected for these analyses and from the data obtained a number of samples were chosen for further analysis as follows:

Thermal extraction - pyrolysis - gas chromatography	23 samples
Extraction, MPLC fractionation, saturated and aromatic hydrocarbon gas chromatography	16 samples
Vitrinite reflectance microscopy	31 samples
Visual kerogen analysis	14 samples
Gas chromatography - mass spectrometry	11 samples
Hydrous pyrolysis	3 samples

Tables, listing in detail which samples were analysed and the results from the analyses, are shown in the appendix.

Figure 1 shows the litho-variations and some of the screening data for the analysed section of the well and also

the location of samples for follow-up analysis. Included in the figure are some of the problems and intervals of interest which have affected the choice of samples for analysis.

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Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1003.00						001
			90	Cont : cem, dd, fib		001-3
			10	Sh/Clst: m drk gy, mic		001-1
			tr	Ca : pl y brn, dol		001-2
1006.00						002
			90	Cont : cem, dd, fib		002-3
			10	Sh/Clst: m drk gy, mic		002-1
			tr	Ca : pl y brn, dol		002-2
1009.00						003
			70	Cont : cem, dd, fib		003-3
			20	Sh/Clst: m drk gy, mic		003-2
			10	Ca : pl y brn to dsk y brn, dol		003-1
1012.00						004
			50	Cont : cem, dd, fib		004-4
		1.81	30	Sh/Clst: m drk gy, pyr, mic		004-1
			20	Ca : pl y brn to dsk y brn, dol		004-2
			tr	Other : pyr		004-3
1015.00						005
			80	Cont : cem, dd, fib		005-3
			10	Sh/Clst: m drk gy, pyr, mic		005-1
			10	Ca : pl y brn to dsk y brn, dol		005-2
1018.00						006
			80	Cont : cem, dd, fib		006-3
			10	Sh/Clst: m drk gy, pyr, mic		006-1
			10	Ca : pl y brn to dsk y brn, dol		006-2

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Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
1021.00							007
		1.71	50	Sh/Clst	m drk gy, slt, mic		007-1
			50	Ca	pl y brn to dsk y brn to m drk gy, dol		007-2
			tr	Other	pyr		007-3
1024.00							008
			80	Cont	cem, dd, fib		008-4
			10	Sh/Clst	m drk gy, slt, mic		008-1
			10	Ca	pl y brn to dsk y brn to m drk gy, dol		008-2
			tr	Other	pyr		008-3
1027.00							009
			50	Sh/Clst	m drk gy, slt, mic		009-1
		1.53	50	Ca	w to pl y brn to dsk y brn to m drk gy, dol		009-2
			tr	Other	pyr		009-3
			tr	Cont	prp, fib		009-4
1030.00							010
			50	Cont	dd, fib		010-4
			30	Ca	pl y brn to dsk y brn to m drk gy, dol		010-2
			20	Sh/Clst	m drk gy		010-1
			tr	Other	pyr		010-3
1033.00							011
		1.29	50	Sh/Clst	m drk gy		011-1
			50	Ca	pl y brn to dsk y brn to m drk gy, dol		011-2
			tr	Other	pyr		011-3
			tr	Cont	dd, fib		011-4
			tr	Coal	blk		011-5

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Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Lithology description	Trb	Sample
1036.00						012
			100	Cont : cem, dd		012-1
1039.00						013
			50	Cont : cem, dd		013-3
			40	Sh/Clst: m drk gy, slt, mic		013-1
			10	Ca : pl y brn to dsk y brn to m drk gy, dol		013-2
1042.00						014
			50	Sh/Clst: m drk gy, pyr, slt		014-1
		0.91	50	Ca : w to pl y brn to dsk y brn to m drk gy, dol		014-2
			tr	Other : pyr		014-3
1045.00						015
			60	Cont : cem, dd		015-3
			20	Sh/Clst: m drk gy, pyr, slt		015-1
			20	Ca : w to pl y brn to dsk y brn to m drk gy, dol		015-2
1048.00						016
		1.73	50	Sh/Clst: m drk gy, pyr		016-1
			50	Ca : pl y brn to dsk y brn to m drk gy, dol		016-3
			tr	S/Sst : pl y brn		016-2
			tr	Cont : dd, fib		016-4
1051.00						017
			40	Sh/Clst: m drk gy, pyr		017-1
			40	Cont : dd, fib		017-3
			20	Ca : pl y brn to dsk y brn to m drk gy, dol		017-2

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Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
1054.00							018
			40	Sh/Clst	: m drk gy, pyr		018-2
			40	Cont	: dd, fib		018-3
			20	Ca	: pl y brn to dsk y brn to m drk gy, dol		018-1
1057.00							019
		1.85	70	Sh/Clst	: m drk gy, pyr		019-1
			30	Ca	: pl y brn to dsk y brn to m drk gy, dol		019-2
			tr	Cont	: prp		019-3
			tr	Other	: pyr		019-4
1060.00							020
			50	Cont	: dd, fib		020-2
			40	Sh/Clst	: m drk gy, pyr		020-1
			10	Ca	: pl y brn to dsk y brn to m drk gy, dol		020-3
			tr	Other	: pyr		020-4
1063.00							021
			80	Sh/Clst	: m drk gy, pyr		021-1
			20	Ca	: pl y brn to dsk y brn to m drk gy, dol		021-3
			tr	Other	: pyr		021-2
1066.00							022
		2.07	95	Sh/Clst	: m drk gy, pyr		022-1
			5	Ca	: pl y brn to dsk y brn to m drk gy, pyr		022-2
			tr	Other	: pyr		022-3

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Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
1069.00							023
			95	Sh/Clst	m drk gy, pyr		023-1
			5	Ca	pl y brn to dsk y brn to m drk gy, dol		023-3
			tr	Other	pyr		023-2
1072.00							024
			50	Cont	dd, fib		024-2
			45	Sh/Clst	m drk gy, pyr		024-1
			5	Ca	pl y brn to dsk y brn to m drk gy, dol		024-3
1075.00							025
			80	Sh/Clst	m drk gy, pyr		025-1
	0.50		20	Sltst	pl y brn, carb, dol		025-3
			tr	Other	pyr		025-2
1078.00							026
			50	Cont	dd, fib		026-4
			40	Sh/Clst	m drk gy, pyr		026-1
			10	Sltst	pl y brn, dol		026-2
			tr	Other	pyr		026-3
1081.00							027
		1.47	70	Sh/Clst	drk gy, calc, pyr		027-1
			20	Ca	lt brn to m brn gy		027-3
			10	S/Sst			027-2
1084.00							028
			75	Sh/Clst	m drk gy, pyr		028-3
			20	Sltst	pl y brn, dol		028-1
			5	Ca	pl y brn to dsk y brn to m drk gy, dol		028-2
			tr	Other	pyr		028-4

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Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1087.00						029
			50	Sh/Clst: m drk gy, pyr		029-1
			50	Cont : dd, fib		029-3
			tr	Sltst : pl y brn, dol		029-2
			tr	Other : pyr		029-4
1090.00						030
			100	Cont : dd, fib		030-1
1093.00						031
			60	Sh/Clst: m drk gy, pyr		031-3
		2.60	30	Sh/Clst: drk gy, calc, carb, mic		031-1
			10	Sltst : pl y brn, dol		031-2
1096.00						032
			100	Cont : dd, fib		032-1
1099.00						033
		2.29	50	Sh/Clst: drk gy, calc, carb, pyr, mic		033-1
			40	Sh/Clst: m drk gy, pyr		033-4
			10	Sltst : pl y brn, dol		033-3
			tr	Ca : pl y brn to dsk y brn to m drk gy, dol		033-2
			tr	Other : pyr		033-5
1102.00						034
			50	Sh/Clst: drk gy, calc, carb, pyr, mic		034-1
			40	Sh/Clst: m drk gy, pyr		034-4
			10	Sltst : pl y brn, dol		034-3
			tr	Ca : pl y brn to dsk y brn to m drk gy, dol		034-2
			tr	Other : pyr		034-5

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Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1105.00						035
		2.72	50	Sh/Clst: drk gy, calc, carb, pyr, mic		035-1
			40	Sh/Clst: m drk gy, pyr		035-4
			10	Sltst : pl y brn, dol		035-2
			tr	Ca : pl y brn to dsk y brn to m drk gy, dol		035-3
			tr	Other : pyr		035-5
1108.00						036
			50	Sh/Clst: drk gy, calc, carb, pyr, mic		036-1
			40	Sh/Clst: m drk gy, pyr		036-4
			10	Sltst : pl y brn, dol		036-3
			tr	Ca : pl y brn to dsk y brn to m drk gy, dol		036-2
			tr	Other : pyr		036-5
1111.00						037
		2.50	50	Sh/Clst: drk gy, calc, carb, pyr, mic		037-1
			40	Sh/Clst: m drk gy, pyr		037-4
			10	Sltst : pl y brn, dol		037-3
			tr	Ca : pl y brn to dsk y brn to m drk gy, dol		037-2
			tr	Other : pyr		037-5
1114.00						038
			50	Sh/Clst: drk gy, calc, carb, pyr, mic		038-1
			40	Sh/Clst: m drk gy, pyr		038-4
			10	Sltst : pl y brn, dol		038-3
			tr	Ca : pl y brn to dsk y brn to m drk gy, dol		038-2
			tr	Other : pyr		038-5

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Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Lithology description	Trb	Sample
1117.00						039
		2.38	50	Sh/Clst: drk gy, calc, carb, pyr, mic		039-1
			50	Sh/Clst: m gy to m drk gy, pyr		039-3
			tr	Ca : w to dsk y brn to m drk gy, dol		039-2
			tr	S/Sst : w to y gy		039-4
			tr	Sltst : pl y brn, dol		039-5
1120.00						040
			50	Sh/Clst: drk gy, calc, carb, pyr, mic		040-1
			50	Sh/Clst: m gy to m drk gy, pyr		040-3
			tr	Ca : pl y brn to m drk gy, dol		040-2
			tr	Sltst : pl y brn, dol		040-4
			tr	Other : pyr		040-5
1123.00						041
			45	Sh/Clst: drk gy, calc, carb, pyr, mic		041-1
			45	Sh/Clst: m gy to m drk gy, pyr		041-4
			10	Ca : lt gy to m drk gy, pl y brn to dsk y brn, pyr, slt, dol		041-2
			tr	S/Sst : y gy to lt gy, carb		041-3
			tr	Other : pyr		041-5
1126.00						042
		1.89	60	Sh/Clst: m gy to m drk gy, pyr		042-3
			20	Sh/Clst: drk gy, calc, carb, pyr, mic		042-1
			20	Ca : lt gy to m drk gy, pl y brn to dsk y brn, pyr, slt, dol		042-2
			tr	Sltst : m gy to drk gy		042-4
			tr	Other : pyr		042-5
			tr	Cont : prp, dd, fib		042-6

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Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
1129.00							043
		3.95	70	Sh/Clst:	dsk y brn, calc, carb, pyr, slt, mic		043-1
			20	Sh/Clst:	m gy to m drk gy, pyr		043-3
			10	Ca :	lt gy to m drk gy, pl y brn to dsk y brn, pyr, slt, dol		043-2
			tr	Other :	pyr		043-4
1132.00							044
			50	Sh/Clst:	m gy to m drk gy, pyr		044-3
			30	Ca :	lt gy, y gy to pl y brn, carb, pyr, mic		044-2
			20	Sh/Clst:	drk gy, calc, carb, pyr, mic		044-1
			tr	S/Sst :	pl y brn, carb, mic		044-4
			tr	Other :	pyr		044-5
1135.00							045
			50	Sh/Clst:	m gy to m drk gy, pyr		045-3
		0.64	30	Ca :	lt gy, y gy to pl y brn, carb, pyr, mic		045-2
			20	Sh/Clst:	drk gy, calc, carb, pyr, mic		045-1
			tr	S/Sst :	pl y brn, carb, mic		045-4
			tr	Other :	pyr		045-5
1138.00							046
			50	Sh/Clst:	m gy to m drk gy, pyr		046-3
			30	Ca :	lt gy, y gy to pl y brn, carb, pyr, mic		046-2
			20	Sh/Clst:	drk gy, calc, carb, pyr, mic		046-1
			tr	S/Sst :	pl y brn, carb, mic		046-4
			tr	Other :	pyr		046-5

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Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Lithology description	Trb	Sample
1141.00						047
			30	Ca : lt gy, y gy to pl y brn, carb, pyr, mic		047-2
			30	Sh/Clst: m gy to m drk gy, pyr, mic		047-4
		3.74	20	Sh/Clst: drk gy, calc, carb, pyr, mic		047-1
			20	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		047-3
			tr	Other : pyr		047-5
1144.00						048
			30	Ca : lt gy, y gy to pl y brn, carb, pyr, mic		048-2
			30	Sh/Clst: m gy to m drk gy, pyr, mic		048-4
			20	Sh/Clst: drk gy, calc, carb, pyr, mic		048-1
			20	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		048-3
			tr	Other : pyr		048-5
1147.00						049
			30	Ca : lt gy, y gy to pl y brn, carb, pyr, mic		049-2
			30	Sh/Clst: m gy to m drk gy, pyr, mic		049-4
			20	Sh/Clst: drk gy, calc, carb, pyr, mic		049-1
		3.85	20	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		049-3
			tr	Other : pyr		049-5
1150.00						050
			30	Ca : lt gy, y gy to pl y brn, carb, pyr, mic		050-2
			30	Sh/Clst: m gy to m drk gy, pyr, mic		050-3
			20	Sh/Clst: drk gy, calc, carb, pyr, mic		050-1
			20	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		050-4
			tr	Other : pyr		050-5

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Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1153.00						051
		1.52	50	Sh/Clst: m gy to m drk gy, pyr		051-4
			20	Ca : lt gy, y gy to pl y brn to dsk y brn, carb, pyr, mic, dol		051-2
			20	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		051-3
			10	Sh/Clst: drk gy, calc, carb, pyr, mic		051-1
			tr	Other : pyr		051-5
1156.00						052
			50	Sh/Clst: m gy to m drk gy, pyr		052-4
			20	Ca : lt gy, y gy to pl y brn to dsk y brn, carb, pyr, mic, dol		052-2
			20	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		052-3
			10	Sh/Clst: drk gy, calc, carb, pyr, mic		052-1
			tr	Other : pyr		052-5
1159.00						053
		2.15	50	Sh/Clst: m gy to m drk gy, pyr		053-4
			20	Ca : lt gy, y gy to pl y brn to dsk y brn, carb, pyr, mic, dol		053-2
			20	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		053-3
			10	Sh/Clst: drk gy, calc, carb, pyr, mic		053-1
			tr	Other : pyr		053-5
1162.00						054
			30	Sh/Clst: m gy to m drk gy, pyr		054-1
			30	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		054-2
			30	Sltst : pl y brn, dol		054-3
			10	Ca : lt gy, y gy to pl y brn to dsk y brn, carb, pyr, mic, dol		054-4
			tr	Other : pyr		054-5
			tr	Sh/Clst: red gy, slt, mic		054-6

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Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1165.00						055
			50	Sh/Clst: m gy to m drk gy, pyr		055-3
		3.00	45	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		055-1
			5	Ca : lt gy, y gy to pl y brn, slt, mic		055-2
			tr	Other : pyr		055-4
1168.00						056
			50	Sh/Clst: m gy to m drk gy, pyr		056-3
			45	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		056-2
			5	Ca : lt gy, y gy to pl y brn, slt, mic		056-1
			tr	Other : pyr		056-4
1171.00						057
		2.42	70	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		057-2
			25	Sh/Clst: m gy to m drk gy, pyr		057-3
			5	Ca : y gy to lt gy to pl y brn, slt, mic		057-1
			tr	Other : pyr		057-4
1174.00						058
			70	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		058-2
			25	Sh/Clst: m gy to m drk gy, pyr		058-3
			5	Ca : y gy to lt gy to pl y brn, slt, mic		058-1
			tr	Other : pyr		058-4
1186.00						059
		2.50	70	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		059-2
			25	Sh/Clst: m gy to m drk gy, pyr		059-3
			5	Ca : y gy to lt gy to pl y brn, slt, mic		059-1
			tr	Other : pyr		059-4

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Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1189.00						060
			70	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		060-2
			25	Sh/Clst: m gy to m drk gy, pyr		060-3
			5	Ca : y gy to lt gy to pl y brn, slt, mic		060-1
			tr	Other : pyr		060-4
1192.00						061
		4.37	80	Sh/Clst: dsk y brn, calc, carb, mic, slt		061-1
			20	Sh/Clst: m gy to m drk gy, mic		061-2
			tr	Cont : prp, dd		061-3
1195.00						062
		1.60	50	Sh/Clst: m gy to m drk gy, mic		062-4
			30	Sh/Clst: dsk y brn, calc, carb, slt, mic		062-1
			10	S/Sst : y gy to pl y brn, carb, mic, st		062-2
			10	Ca : pl y brn to dsk y brn, dol		062-3
			tr	Other : pyr		062-5
1198.00						063
			60	Sh/Clst: dsk y brn, calc, carb, slt, mic		063-3
			20	Cont : dd		063-1
			20	Sh/Clst: m drk gy, mic		063-2
1201.00						064
			60	Sh/Clst: dsk y brn, calc, carb, slt, mic		064-3
			20	Cont : dd		064-1
			20	Sh/Clst: m drk gy, mic		064-2

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Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1204.00						065
			60	Sh/Clst: dsk y brn, calc, carb, slt, mic		065-3
			20	Cont : dd		065-1
			20	Sh/Clst: m drk gy, mic		065-2
1207.00						066
			60	Sh/Clst: dsk y brn, calc, carb, slt, mic		066-3
			20	Cont : dd		066-1
			20	Sh/Clst: m drk gy, mic		066-2
			tr	Cont : dd, fib		066-4
1210.00						067
			60	Sh/Clst: dsk y brn, calc, carb, slt, mic		067-3
			20	Cont : dd		067-1
			20	Sh/Clst: m drk gy, mic		067-2
			tr	Cont : dd, fib		067-4
1213.00						068
		3.92	70	Sh/Clst: dsk y brn, calc, carb, slt, mic		068-1
			20	Sh/Clst: m drk gy, mic		068-2
			10	Cont : prp, dd, fib		068-3
			tr	Ca : dsk y brn, dol		068-4
			tr	Other : pyr, dd		068-5
1216.00						069
			70	Sh/Clst: dsk y brn, calc, carb, slt, mic		069-1
			20	Sh/Clst: m drk gy, mic		069-2
			10	Cont : prp, dd, fib		069-3
			tr	Ca : dsk y brn, dol		069-4
			tr	Other : pyr		069-5

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1219.00						070
		3.63	70	Sh/Clst: dsk y brn, calc, carb, slt, mic		070-1
			20	Sh/Clst: m drk gy, mic		070-2
			10	Cont : prp, dd, fib		070-3
			tr	Ca : dsk y brn, dol		070-4
			tr	Other : pyr		070-5
1222.00						071
			80	Sh/Clst: dsk y brn, calc, carb, slt, mic		071-1
			20	Sh/Clst: m drk gy, mic		071-2
			tr	Ca : drk y brn, dol		071-3
			tr	Other : pyr		071-4
1225.00						072
		4.12	80	Sh/Clst: dsk y brn, calc, carb, slt, mic		072-1
			20	Sh/Clst: m drk gy, mic		072-2
			tr	Ca : drk y brn, dol		072-3
			tr	Other : pyr		072-4
1228.00						073
			80	Sh/Clst: dsk y brn, calc, carb, slt, mic		073-1
			20	Sh/Clst: m drk gy, mic		073-2
			tr	Ca : drk y brn, dol		073-3
			tr	Other : pyr		073-4
1231.00						074
		3.94	70	Sh/Clst: dsk y brn, calc, carb, slt, mic		074-1
			20	Sh/Clst: m drk gy, mic		074-2
			10	Cont : dd		074-3
			tr	S/Sst : y gy, carb, glauc		074-4
			tr	Ca : y gy to drk y brn, dol		074-5

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1234.00						075
			50	Cont : dd		075-1
			40	Sh/Clst: dsk y brn, calc, carb, slt, mic		075-3
			10	Sh/Clst: m gy to m drk gy, mic		075-2
1237.00						076
		4.33	60	Sh/Clst: dsk y brn, calc, carb, slt, mic		076-4
			20	Cont : dd		076-1
			20	Sh/Clst: m gy to m drk gy, mic		076-3
			tr	Ca : pl y brn		076-2
1240.00						077
			90	Sh/Clst: dsk y brn, calc, carb, slt, mic		077-2
			10	Sh/Clst: m gy to m drk gy, mic		077-1
			tr	Sltst : lt gy, carb, pyr		077-3
			tr	Other : pyr		077-4
1243.00						078
		4.38	80	Sh/Clst: dsk y brn, calc, carb, slt, mic		078-2
			20	Sh/Clst: m gy to m drk gy, mic		078-1
			tr	Ca : pl y brn to dsk y brn, dol		078-3
			tr	Sltst : lt gy, carb, pyr		078-4
			tr	Other : pyr		078-5
			tr	Cont : dd		078-6
1246.00						079
			80	Sh/Clst: dsk y brn, calc, carb, slt, mic		079-2
			20	Sh/Clst: m gy to m drk gy, mic		079-1
			tr	Ca : pl y brn to dsk y brn, dol		079-3
			tr	Sltst : lt gy, carb, pyr		079-4
			tr	Other : pyr		079-5
			tr	Cont : dd		079-6

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1249.00						080
		4.74	80	Sh/Clst: dsk y brn, calc, carb, slt, mic		080-2
			20	Sh/Clst: m gy to m drk gy, mic		080-1
			tr	Ca : pl y brn to dsk y brn, dol		080-3
			tr	Sltst : lt gy, carb, pyr		080-4
			tr	Other : pyr		080-5
			tr	Cont : dd		080-6
1252.00						081
			50	Sh/Clst: m drk gy, pyr, mic		081-1
			40	Sh/Clst: dsk y brn, calc, carb, slt, mic		081-2
		0.51	10	Sltst : lt gy, carb, glauc		081-3
			tr	Ca : dsk y brn, dol		081-4
1255.00						082
		3.76	60	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		082-3
			30	Sh/Clst: m drk gy, pyr, mic		082-2
			10	Cont : dd		082-1
			tr	Sltst : lt gy, carb, pyr, glauc		082-4
1258.00						083
			60	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		083-3
			20	Sh/Clst: m drk gy, pyr, mic		083-2
			10	Sltst : ol gy, carb, pyr, mic		083-1
			10	Cont : dd, fib		083-4
			tr	Other : pyr		083-5
1261.00						084
		4.45	60	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		084-3
			20	Sh/Clst: m drk gy, pyr, mic		084-2
			10	Sltst : ol gy, carb, pyr, mic		084-1
			10	Cont : dd, fib		084-4
			tr	Other : pyr		084-5

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1264.00						085
			60	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		085-3
			20	Sh/Clst: m drk gy, pyr, mic		085-2
			10	Sltst : ol gy, carb, pyr, mic		085-1
			10	Cont : dd, fib		085-4
			tr	Other : pyr		085-5
1267.00						086
		4.74	90	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		086-1
			10	Sh/Clst: m drk gy, pyr, mic		086-2
			tr	Sltst : ol gy, carb, pyr, mic		086-3
			tr	Ca : w		086-4
1270.00						087
			90	Cont : dd, fib		087-2
			10	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		087-1
1273.00						088
		4.68	60	Sh/Clst: dsk y brn, calc, carb, pyr, slt, mic		088-3
			20	Cont : dd		088-1
			20	Sh/Clst: m drk gy, pyr, mic		088-2
			tr	Other : pyr		088-4
			tr	S/Sst : y gy, carb		088-5
			tr	Coal : blk		088-6
1276.00						089
			90	Cont : dd		089-2
			10	Sh/Clst: dsk y brn, calc, carb, pyr		089-1

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1279.00						090
		5.45	50	Sh/Clst: ol blk, calc, carb, slt, mic		090-1
			50	Cont : cem, dd, fib		090-2
1282.00						091
			50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		091-1
			50	Cont : cem, dd		091-2
1285.00						092
		6.30	50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		092-1
			50	Cont : cem, dd		092-2
1288.00						093
			50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		093-1
			50	Cont : cem, dd		093-2
1291.00						094
		8.49	50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		094-1
			50	Cont : cem, dd		094-2
1294.00						095
			50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		095-1
			50	Cont : cem, dd		095-2
1297.00						096
		9.79	50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		096-1
			50	Cont : cem, dd		096-2

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1300.00						097
			50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		097-1
			50	Cont : cem, dd		097-2
1303.00						098
		4.93	80	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		098-2
			20	Sh/Clst: ol gy to m drk gy, slt, mic		098-1
1306.00						099
			50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		099-1
			50	Cont : dd		099-2
1309.00						100
			50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		100-1
			50	Cont : dd		100-2
1312.00						101
			50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		101-1
			50	Cont : dd		101-2
1315.00						102
			50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		102-1
			50	Cont : dd		102-2
1318.00						103
		10.62	50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		103-1
			50	Cont : dd		103-2

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1321.00						104
			50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		104-1
			50	Cont : dd		104-2
1324.00						105
			50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		105-1
			50	Cont : dd		105-2
			tr	Coal : blk		105-3
1327.00						106
		10.84	50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		106-1
			50	Cont : dd		106-2
			tr	Coal : blk		106-4
1330.00						107
			50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		107-1
			50	Cont : dd		107-2
			tr	Coal : blk		107-4
1333.00						108
			50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		108-1
			50	Cont : dd		108-2
			tr	Ca : red brn to pl y brn to dsk y brn, dol		108-3
			tr	Coal : blk		108-4
1336.00						109
		8.82	50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		109-1
			50	Cont : dd		109-2
			tr	Ca : red brn to dsk y brn, slt		109-3

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1339.00						110
			50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		110-1
			50	Cont : dd		110-2
			tr	Ca : red brn to dsk y brn, slt		110-3
1342.00						111
			50	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		111-1
			50	Cont : dd		111-2
			tr	Ca : red brn to dsk y brn, slt		111-3
1345.00						112
			50	Cont : dd		112-3
		8.37	45	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		112-2
			5	Ca : red brn to dsk y brn, slt		112-1
1348.00						113
			70	Cont : dd		113-3
			20	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		113-2
			10	Ca : red brn to m brn to drk y brn, slt		113-1
1351.00						114
			70	Cont : dd		114-3
			20	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		114-2
			10	Ca : red brn to m brn to drk y brn, slt		114-1
1354.00						115
			70	Cont : dd		115-3
			20	Sh/Clst: ol blk, calc, carb, pyr, slt, mic		115-2
			10	Ca : red brn to m brn to drk y brn, slt		115-1

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
1357.00							116
			70	Cont	: dd		116-3
		6.09	20	Sh/Clst	: ol blk, calc, carb, pyr, slt, mic		116-2
			10	Ca	: red brn to m brn to drk y brn, slt		116-1
1360.00							117
			70	Cont	: dd		117-3
			20	Sh/Clst	: ol blk, calc, carb, pyr, slt, mic		117-2
			10	Ca	: red brn to m brn to drk y brn, slt		117-1
1363.00							118
			70	Cont	: dd		118-3
			20	Sltst	: red brn to y gy to m brn, calc		118-1
			10	Sh/Clst	: ol blk, calc, carb, slt, mic		118-2
1366.00							119
			50	Cont	: dd		119-3
			30	Sltst	: red brn to y gy to m brn, calc		119-1
			20	Sh/Clst	: ol blk, calc, carb, slt, mic		119-2
1369.00							120
			50	Cont	: dd		120-3
			30	Sltst	: red brn to y gy to m brn, calc		120-1
			20	Sh/Clst	: ol blk, calc, carb, slt, mic		120-2
1372.00							121
			50	Cont	: dd		121-3
		1.10	30	Sltst	: red brn to y gy to m brn, calc		121-1
			20	Sh/Clst	: ol blk, calc, carb, slt, mic		121-2
			tr	S/Sst	: l		121-4

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
1375.00							122
			75	Sh/Clst	: ol blk, calc, carb, slt, mic		122-4
			10	S/Sst	: l		122-1
			10	Sltst	: red brn to y gy to m brn, calc		122-3
			5	Ca	: w to pl y brn, carb, pyr, slt		122-2
			tr	Other	: pyr		122-5
1378.00							123
			75	Sh/Clst	: ol blk, calc, carb, slt, mic		123-4
		0.56	10	S/Sst	: l		123-1
			10	Sltst	: red brn to y gy to m brn, calc		123-3
			5	Ca	: w to pl y brn, carb, pyr, slt		123-2
			tr	Other	: pyr		123-5
1407.00	ccp						200
		0.09	100	S/Sst	: y gy, carb, glauc, l		200-1
1428.00	ccp						201
		0.16	100	S/Sst	: y gy, carb, cly, glauc, l		201-1
1433.80	ccp						202
		1.52	100	Sh/Clst	: m drk gy to y gy, pyr, slt, s, mic, lam		202-1
1435.00							124
			40	S/Sst	: l		124-1
			40	Sh/Clst	: ol blk to m drk gy, calc, carb, slt, mic		124-4
			10	Kaolin	: w to pl y brn, calc, carb, pyr, slt		124-2
			10	Sltst	: red brn to y gy to m brn, calc		124-3

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1438.00						125
			40	S/Sst : l		125-1
			40	Sh/Clst: ol blk to m drk gy, calc, carb, slt, mic		125-4
			10	Kaolin : w to pl y brn, calc, carb, pyr, slt		125-2
			10	Sltst : red brn to y gy to m brn, calc		125-3
1441.00						126
			70	Cont : dd		126-4
			10	S/Sst : l		126-1
			10	Kaolin : w to pl y brn, calc, carb, pyr, slt		126-2
			10	Sltst : red brn to y gy to m brn, calc		126-3
1444.00						127
			80	Cont : dd		127-3
			10	Kaolin : w to pl y brn, calc, carb, pyr, slt		127-1
			10	Sh/Clst: ol blk, calc, carb, slt, mic		127-2
1447.00						128
		0.81	50	Ca : ol gy to m gy, slt, dol		128-1
			35	Cont : dd		128-3
			10	Sh/Clst: ol blk, calc, carb, slt, mic		128-4
			5	Kaolin : w to pl y brn, calc, carb, slt		128-2
1450.00						129
			90	Cont : dd		129-3
			5	Sh/Clst: ol blk, calc, carb, slt, mic		129-1
			5	Kaolin : w to pl y brn, calc, carb, slt		129-2

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1453.00						130
			80	Cont : dd		130-3
		0.49	10	Ca : ol gy to m gy, slt, dol		130-1
			10	Sh/Clst: ol blk to m drk gy, calc, carb, slt, mic		130-2
1456.00						131
			80	Cont : dd		131-3
			10	Ca : ol gy to m gy, slt, dol		131-1
			10	Sh/Clst: ol blk to m drk gy, calc, carb, slt, mic		131-2
1459.00						132
			70	Cont : dd		132-4
			10	Kaolin : w, carb, slt		132-1
			10	Ca : ol gy to m gy, slt, dol		132-2
			10	Sh/Clst: ol blk to m drk gy, calc, carb, slt, mic		132-3
			tr	Other : pyr		132-5
1462.00						133
			70	Cont : dd, kln		133-3
			20	Sh/Clst: ol blk to m drk gy, calc, carb, slt, mic		133-2
			10	Kaolin : w to pl y brn, carb, slt		133-1
			tr	Ca : ol gy to m gy to dsk y brn, slt, dol		133-4
1465.00						134
			80	Cont : dd, kln		134-3
			10	Sh/Clst: dsk y brn, calc, carb, slt, mic		134-1
			10	Ca : ol gy to m gy, slt, dol		134-2

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1468.00						135
			95	Cont : dd, kln		135-2
			5	Sh/Clst: dsk y brn, calc, carb, slt, mic		135-1
1471.00						136
			80	Cont : dd, kln		136-3
			10	Ca : ol gy to m gy, s, dol		136-1
			10	Sh/Clst: dsk y brn, calc, carb, mic		136-2
1487.60	ccp					203
		0.09	100	S/Sst : y gy, carb, glauc, l		203-1
1496.40	ccp					204
			80	Coal : blk		204-2
			20	S/Sst : y gy, carb, glauc, l		204-1
		46.97		bulk		204-0
1498.85	ccp					205
		0.27	100	S/Sst : y gy, carb, st		205-1
1517.00	ccp					206
		0.55	100	S/Sst : y gy to m gy, carb, mic		206-1
1546.00	ccp					207
		0.28	100	S/Sst : y gy, carb		207-1

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Lithology description	Trb	Sample
1558.20		ccp				208
			100	Coal : blk		208-1
1568.40		ccp				209
			100	Coal : blk		209-1
1575.30		ccp				210
		0.87	100	S/Sst : pl y brn, carb, mic		210-1
1582.40		ccp				211
			100	Coal : blk		211-1
1587.00		ccp				212
		59.58	100	Coal : blk		212-1
1595.00		ccp				213
		0.97	100	S/Sst : pl y brn, carb		213-1
1615.20		ccp				214
			100	Coal : blk		214-1
1615.30		ccp				215
		3.92	100	S/Sst : dsk y brn, carb, mic		215-1

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1619.70		ccp				216
			100	Coal : blk		216-1
1623.30		ccp				217
		0.62	100	S/Sst : y gy, carb, mic		217-1
1643.40		ccp				218
		0.42	100	S/Sst : y gy, carb, mic, f		218-1
1661.40		ccp				219
		0.75	100	S/Sst : y gy to drk gy, carb, slt, mic, f		219-1
1664.40		ccp				220
			100	Coal : blk		220-1
1666.50		ccp				221
			100	Coal : blk		221-1
1677.15		ccp				222
			100	Coal : blk		222-1
1681.40		ccp				223
			100	Coal : blk		223-1

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1682.70		ccp				224
		0.21	100	S/Sst : y gy, carb, slt, mic, f		224-1
1693.00						137
		0.09	90	S/Sst : y gy, calc, carb, mic, st		137-1
			10	Sh/Clst: drk gy to drk y brn to m drk gy, carb, slt, mic		137-2
			tr	Coal : blk		137-3
1699.00						138
		0.18	90	S/Sst : y gy, calc, carb, mic, st		138-1
			10	Sh/Clst: drk gy to drk y brn to m drk gy, carb, slt, mic		138-2
			tr	Coal : blk		138-3
1702.00						139
			95	S/Sst : y gy, calc, carb, mic, st		139-1
			5	Sltst : drk gy to dsk y brn to m drk gy, carb, mic		139-2
			tr	Coal : blk		139-3
1705.00						140
		0.07	95	S/Sst : y gy, calc, carb, mic, st		140-1
			5	Sltst : drk gy to dsk y brn to m drk gy, carb, mic		140-2
			tr	Coal : blk		140-3
1708.00						141
			95	S/Sst : y gy, calc, carb, mic, st		141-1
			5	Sltst : drk gy to dsk y brn to m drk gy, carb, mic		141-2
			tr	Coal : blk		141-3

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1711.00						142
		0.28	95	S/Sst : y gy, calc, carb, mic, st		142-1
			5	Sltst : drk gy to dsk y brn to m drk gy, carb, mic		142-2
			tr	Coal : blk		142-3
			tr	Kaolin : w, calc, carb, mic		142-4
1714.00						143
			95	S/Sst : y gy, calc, carb, mic, st		143-1
			5	Sltst : drk gy to dsk y brn to m drk gy, carb, mic		143-2
			tr	Coal : blk		143-3
			tr	Kaolin : w, calc, carb, mic		143-4
1717.00						144
		0.09	95	S/Sst : ol gy, calc, carb, mic, st		144-1
			5	Sltst : m gy, carb, mic		144-2
			tr	Coal : blk		144-3
			tr	Kaolin : w, calc, carb, mic		144-4
1720.00						145
			95	S/Sst : y gy, calc, carb, mic, st		145-2
			5	Sltst : m gy to pl y brn, carb, mic		145-1
			tr	Kaolin : w, calc, carb, mic		145-3
			tr	Coal : blk		145-4
1723.00						146
			90	S/Sst : y gy, calc, carb, mic, st		146-2
		2.41	10	Sltst : m gy to pl y brn, carb, mic		146-1
			tr	Coal : blk, mic		146-3
			tr	Kaolin : w, calc, carb, mic		146-4

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1726.00						147
			90	S/Sst : y gy, calc, carb, mic, st		147-2
			10	Sltst : m gy to pl y brn, carb, mic		147-1
			tr	Kaolin : blk, mic		147-3
			tr	Coal : w, calc, carb, mic		147-4
1729.00						148
		0.15	75	S/Sst : y gy, calc, carb, mic, st, l		148-3
			20	Kaolin : w, calc, carb		148-1
			5	Sltst : m gy to pl y brn, carb, mic		148-2
			tr	Coal : blk		148-4
1732.00						149
			75	S/Sst : y gy, calc, carb, mic, st, l		149-3
			20	Kaolin : w, calc, carb		149-1
			5	Sltst : m gy to pl y brn, carb, mic		149-2
			tr	Coal : blk		149-4
1735.00						150
		0.06	90	S/Sst : y gy, calc, carb, mic, st, l		150-1
			5	Sltst : m gy to drk y brn, carb, mic		150-2
			5	Kaolin : w, calc, carb, mic		150-3
			tr	Coal : blk		150-4
1738.00						151
			85	S/Sst : y gy, calc, carb, mic, st		151-3
			10	Kaolin : w, calc, carb, mic		151-2
			5	Sltst : m gy to drk y brn, carb, s, mic		151-1
			tr	Coal : blk, mic		151-4

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1741.00						152
			85	S/Sst : y gy, calc, carb, mic, st		152-3
			10	Kaolin : w, calc, carb, mic		152-1
			5	Sltst : m gy to drk y brn, carb, s, mic		152-2
			tr	Coal : blk, mic		152-4
1744.00						153
		0.10	85	S/Sst : y gy, calc, carb, mic, st		153-3
			10	Kaolin : w, calc, carb, mic		153-1
			5	Sltst : m gy to drk y brn, carb, s, mic		153-2
			tr	Coal : blk, mic		153-4
1747.00						154
			85	S/Sst : y gy, calc, carb, mic, st		154-3
			10	Kaolin : w, calc, carb, mic		154-1
			5	Sltst : m gy to drk y brn, carb, s, mic		154-2
			tr	Coal : blk, mic		154-4
1750.00						155
			85	S/Sst : y gy, calc, carb, mic, st		155-3
			10	Kaolin : w, calc, carb, mic		155-1
			5	Sltst : m gy to drk y brn, carb, s, mic		155-2
			tr	Coal : blk, mic		155-4
1753.00						156
		23.12	80	Sh/Clst: blk, carb, slt, mic		156-1
			20	S/Sst : y gy, calc, carb, mic, st		156-2
			tr	Sltst : m gy to drk y brn, carb, mic		156-3
			tr	Kaolin : w, calc, carb, mic		156-4

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1756.00						157
		16.35	80	Sh/Clst: blk, carb, slt, mic		157-1
			20	S/Sst : y gy, calc, carb, mic, st		157-2
			tr	Sltst : m gy to drk y brn, carb, mic		157-3
			tr	Kaolin : w, calc, carb, mic		157-4
1759.00						158
			50	Sh/Clst: blk, carb, slt, mic		158-1
		0.25	50	S/Sst : y gy, calc, carb, mic, st		158-2
			tr	Kaolin : w, calc, carb, mic		158-3
1762.00						159
			70	S/Sst : y gy, calc, carb, mic, st, l		159-3
			25	Sh/Clst: blk, carb, mic		159-2
			5	Sltst : m gy to drk y brn, mic		159-1
			tr	Kaolin : w, calc, carb, s, mic		159-4
1771.00						160
		0.11	80	S/Sst : y gy, calc, carb, mic, st		160-3
			10	Sh/Clst: blk, carb, mic		160-1
			10	Sltst : m gy to drk gy, carb, mic		160-2
			tr	Kaolin : w, calc, carb, mic		160-4
1783.00						161
		0.14	80	S/Sst : y gy, calc, carb, mic, st		161-3
			10	Sh/Clst: blk, carb, mic		161-1
			10	Sltst : m gy to drk gy, carb, mic		161-2
			tr	Kaolin : w, calc, carb, mic		161-4

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1786.00						162
			80	S/Sst : y gy, calc, carb, mic, st		162-3
			10	Sh/Clst: blk, carb, mic		162-1
			10	Sltst : m gy to drk gy, carb, mic		162-2
			tr	Kaolin : w, calc, carb, mic		162-4
1789.00						163
			50	S/Sst : y gy, calc, carb, mic, st		163-3
		4.17	30	Sh/Clst: brn gy to ol blk, carb, slt, mic		163-1
			20	Sh/Clst: blk, carb, mic		163-2
			tr	Kaolin : w, calc, carb, mic		163-4
1792.00						164
			60	S/Sst : y gy, calc, carb, mic, st		164-4
			20	Sh/Clst: brn gy to ol blk, carb, slt, mic		164-1
			10	Sh/Clst: blk, carb, mic		164-2
			10	Kaolin : w, calc, carb, mic, st		164-3
1795.00						165
		0.09	70	S/Sst : y gy, calc, carb, mic, st, l		165-1
			10	Kaolin : w, calc, carb, mic, st		165-2
			10	Sh/Clst: brn gy to ol blk, carb, slt, mic		165-3
			10	Sh/Clst: blk, carb, mic		165-4
1798.00						166
			80	S/Sst : y gy, calc, carb, mic, st, l		166-4
			10	Sltst : lt brn gy, calc, mic, kln		166-1
			5	Coal : blk		166-2
			5	Sh/Clst: blk to brn gy to ol blk, carb, mic		166-3
			tr	Kaolin : w, calc, carb, s		166-5

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1801.00						167
			70	S/Sst : y gy, calc, carb, mic, st, l		167-5
		43.11	10	Coal : blk		167-1
			10	Kaolin : w, calc, carb, mic		167-4
			5	Sltst : lt brn gy, calc, mic, kln		167-2
			5	Sh/Clst: blk to brn gy to ol blk, carb, mic		167-3
1804.00						168
			70	S/Sst : y gy, calc, carb, mic, st, l		168-5
			10	Coal : blk		168-1
			10	Kaolin : w, calc, carb, mic		168-4
			5	Sltst : lt brn gy, calc, mic, kln		168-2
			5	Sh/Clst: blk to brn gy to ol blk, carb, mic		168-3
1807.00						169
		0.21	70	S/Sst : y gy, calc, carb, mic, st, l		169-4
			20	Sh/Clst: blk to ol blk, carb, mic		169-1
			10	Kaolin : w, calc, carb, mic		169-2
			tr	Sltst : lt brn gy, calc, mic, kln		169-3
			tr	Coal : blk		169-5
1810.00						170
			70	S/Sst : y gy, calc, carb, mic, st, l		170-4
		12.87	20	Sh/Clst: blk to ol blk, carb, mic		170-1
			10	Kaolin : w, calc, carb, mic		170-2
			tr	Sltst : lt brn gy, calc, mic, kln		170-3
			tr	Coal : blk		170-5
1813.00						171
			70	S/Sst : y gy, calc, carb, mic, st, l		171-4
			20	Sh/Clst: blk to ol blk, carb, mic		171-1
			10	Kaolin : w, calc, carb, mic		171-2
			tr	Sltst : lt brn gy, calc, mic, kln		171-3
			tr	Coal : blk		171-5

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1816.00						172
		0.62	80	S/Sst : y gy, mic, l		172-4
			10	Sh/Clst: blk to ol blk, carb, mic		172-1
			10	Kaolin : w, calc, carb, mic		172-2
			tr	Sltst : lt brn gy, calc, mic, kln		172-3
			tr	Coal : blk		172-5
1819.00						173
			70	S/Sst : y gy, mic, l		173-2
			20	Sh/Clst: blk to ol blk, carb, slt, mic		173-1
			10	Kaolin : w, calc, carb, mic		173-3
			tr	Sltst : lt brn gy to m gy, carb, mic		173-4
			tr	Coal : blk		173-5
1822.00						174
			85	S/Sst : w, s, mic, l		174-3
			10	Kaolin : w, calc, carb, mic		174-2
			5	Sh/Clst: blk to ol blk, carb, mic		174-1
			tr	Coal : blk		174-4
1825.00						175
			85	S/Sst : w, s, mic, l		175-3
			10	Kaolin : w, calc, carb, mic		175-2
			5	Sh/Clst: blk to ol blk, carb, mic		175-1
			tr	Coal : blk		175-4
1831.00						176
			85	S/Sst : w, s, mic, l		176-3
			10	Kaolin : w, calc, carb, mic		176-2
			5	Coal : blk		176-1

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1834.00						177
			85	S/Sst : w, s, mic, l		177-3
			10	Kaolin : w, calc, carb, mic		177-2
			5	Coal : blk		177-1
1837.00						178
			85	S/Sst : w, s, mic, l		178-3
			10	Kaolin : w, calc, carb, mic		178-2
			5	Coal : blk		178-1
1840.00						179
			85	S/Sst : w, s, mic, l		179-3
			10	Kaolin : w, calc, carb, mic		179-2
			5	Coal : blk		179-1
1843.00						180
			85	S/Sst : w, s, mic, l		180-3
			10	Kaolin : w, calc, carb, mic		180-2
			5	Coal : blk		180-1
1846.00						181
			85	S/Sst : w, s, mic, l		181-3
		64.46	10	Coal : blk		181-1
			5	Kaolin : w, calc, carb, s		181-2
1849.00						182
			85	S/Sst : w, s, mic, l		182-4
			5	Sltst : lt brn gy to m drk gy, carb, mic		182-1
			5	Coal : blk		182-2
			5	Kaolin : w, calc, carb, mic		182-3

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1855.00						183
			80	S/Sst : w, s, mic, l		183-2
			20	Coal : blk		183-1
			tr	Kaolin : w, calc, carb, s		183-3
1858.00						184
			80	S/Sst : w, s, mic, l		184-4
			10	Coal : blk		184-1
			10	Kaolin : w, calc, carb, mic		184-2
			tr	Sltst : lt brn gy to m drk gy, carb, mic		184-3
1861.00						185
			50	S/Sst : w, s, mic, l		185-3
		55.12	40	Coal : blk		185-1
			10	Kaolin : w, calc, carb, s		185-2
1864.00						186
			85	S/Sst : w, s, mic, l		186-4
			10	Kaolin : w, calc, carb, s		186-3
			5	Coal : blk		186-1
			tr	Sltst : lt brn gy to m gy, carb, mic		186-2
1867.00						187
		0.13	85	S/Sst : w, s, mic, l		187-4
			10	Kaolin : w, calc, carb, s		187-3
			5	Coal : blk		187-1
			tr	Sltst : lt brn gy to m gy, carb, mic		187-2
1870.00						188
			85	S/Sst : w, s, mic, l		188-4
			10	Kaolin : w, calc, carb, s		188-3
			5	Coal : blk		188-1
			tr	Sltst : lt brn gy to m gy, carb, mic		188-2

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
	1873.00					189
			60	S/Sst : w, s, mic, l		189-3
		5.85	20	Sh/Clst: brn gy to ol blk, carb, slt, mic		189-1
			10	Coal : blk		189-2
			10	Kaolin : w, calc, carb, s, st		189-4
	1876.00					190
			60	S/Sst : w, s, mic, l		190-3
			20	Sh/Clst: brn gy to ol blk, carb, slt, mic		190-1
			10	Coal : blk		190-2
			10	Kaolin : w, calc, carb, s, st		190-4
	1879.00					191
int		10.45	50	Sltst : brn gy to ol blk, carb, mic		191-4
			35	S/Sst : w to y gy, calc, carb, mic, st		191-3
			10	Kaolin : w to pl y brn, calc, carb, s, st		191-2
			5	Coal : blk		191-1
	1882.00					192
			50	Sltst : brn gy to ol blk, carb, mic		192-4
			35	S/Sst : w to y gy, calc, carb, mic, st		192-3
			10	Kaolin : w to pl y brn, calc, carb, s, st		192-2
			5	Coal : blk		192-1
	1885.00					193
		3.63	40	Sh/Clst: m gy to m brn, calc		193-1
			40	S/Sst : w to y gy, calc, carb, mic		193-4
			10	Sltst : brn gy to ol blk, carb, mic		193-2
			10	Kaolin : w to y gy, calc, carb, s, st		193-3
			tr	Coal : blk		193-5
			tr	Cont : prp, fib		193-6

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1888.00						194
			40	Sh/Clst: m gy to m brn, calc		194-1
			40	S/Sst : w to y gy, calc, carb, mic		194-4
			10	Sltst : brn gy to ol blk, carb, mic		194-2
			10	Kaolin : w to y gy, calc, carb, s, st		194-3
			tr	Coal : blk		194-5
			tr	Cont : prp, fib		194-6
1891.00						195
		3.42	40	Sh/Clst: m gy to m brn, calc		195-1
			40	S/Sst : w to y gy, calc, carb, mic		195-4
			10	Sltst : brn gy to ol blk, carb, mic		195-2
			10	Kaolin : w to y gy, calc, carb, s, st		195-3
			tr	Coal : blk		195-5
			tr	Cont : prp, fib		195-6
1894.00						196
			40	Sh/Clst: m gy to m brn, calc		196-1
			40	S/Sst : w to y gy, calc, carb, mic		196-4
			10	Sltst : brn gy to ol blk, carb, mic		196-2
			10	Kaolin : w to y gy, calc, carb, s, st		196-3
			tr	Coal : blk		196-5
			tr	Cont : prp, fib		196-6
1897.00						197
			100	Cont : cem, prp, fib		197-1
1900.00						198
			45	S/Sst : w to y gy to m gy, calc, carb, mic		198-4
		3.08	30	Sltst : brn gy to ol blk to m gy, calc, carb, mic		198-1
		0.19	20	Sh/Clst: m gy to m brn, calc		198-3
			5	Kaolin : w, calc, carb, s		198-2
			tr	Ca : dsk y brn, dol		198-5
			tr	Coal : blk		198-6

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A/S

Table 1 : Lithology description for well NOCS 7119/12-2

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1902.00						199
			45	S/Sst : w to y gy to m gy, calc, carb, mic		199-4
		7.83	30	Sltst : brn gy to ol blk to m gy, calc, carb, mic		199-1
			20	Sh/Clst: m gy to m brn, calc		199-3
			5	Kaolin : w, calc, carb, s		199-2
			tr	Ca : dsk y brn, dol		199-5
			tr	Coal : blk		199-6

Table 2 : Rock-Eval table for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1012.00	cut	Sh/Clst: m drk gy	0.25	0.43	0.37	1.16	1.81	24	20	0.7	0.37	430	004-1
1021.00	cut	Sh/Clst: m drk gy	0.35	0.41	0.86	0.48	1.71	24	50	0.8	0.46	433	007-1
1027.00	cut	Ca : w to pl y brn to dsk y brn to m drk gy	0.21	0.30	1.01	0.30	1.53	20	66	0.5	0.41	434	009-2
1033.00	cut	Sh/Clst: m drk gy	0.25	0.58	1.35	0.43	1.29	45	105	0.8	0.30	431	011-1
1042.00	cut	Ca : w to pl y brn to dsk y brn to m drk gy	0.17	0.43	2.02	0.21	0.91	47	222	0.6	0.28	425	014-2
1048.00	cut	Sh/Clst: m drk gy	0.27	0.58	0.89	0.65	1.73	34	51	0.9	0.32	430	016-1
1057.00	cut	Sh/Clst: m drk gy	0.35	0.78	1.10	0.71	1.85	42	59	1.1	0.31	429	019-1
1066.00	cut	Sh/Clst: m drk gy	0.62	1.14	0.50	2.28	2.07	55	24	1.8	0.35	433	022-1
1075.00	cut	Sltst : pl y brn	0.12	0.01	1.12	0.01	0.50	2	224	0.1	0.92	435	025-3
1081.00	cut	Sh/Clst: drk gy	0.77	0.69	0.77	0.90	1.47	47	52	1.5	0.53	435	027-1
1093.00	cut	Sh/Clst: drk gy	1.11	1.44	0.96	1.50	2.60	55	37	2.6	0.44	430	031-1
1099.00	cut	Sh/Clst: drk gy	0.57	1.22	0.78	1.56	2.29	53	34	1.8	0.32	431	033-1
1105.00	cut	Sh/Clst: drk gy	0.66	1.36	0.99	1.37	2.72	50	36	2.0	0.33	432	035-1
1111.00	cut	Sh/Clst: drk gy	0.76	1.36	1.17	1.16	2.50	54	47	2.1	0.36	430	037-1

Table 2 : Rock-Eval table for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1117.00	cut	Sh/Clst: drk gy	0.96	1.63	0.79	2.06	2.38	68	33	2.6	0.37	428	039-1
1126.00	cut	Sh/Clst: m gy to m drk gy	0.52	0.88	0.74	1.19	1.89	47	39	1.4	0.37	430	042-3
1129.00	cut	Sh/Clst: dsk y brn	0.91	7.26	0.79	9.19	3.95	184	20	8.2	0.11	427	043-1
1135.00	cut	Ca : lt gy, y gy to pl y brn	0.13	0.30	2.24	0.13	0.64	47	350	0.4	0.30	431	045-2
1141.00	cut	Sh/Clst: drk gy	1.08	2.49	1.11	2.24	3.74	67	30	3.6	0.30	428	047-1
1147.00	cut	Sh/Clst: dsk y brn	1.40	5.25	0.91	5.77	3.85	136	24	6.7	0.21	428	049-3
1153.00	cut	Sh/Clst: m gy to m drk gy	0.74	1.08	0.66	1.64	1.52	71	43	1.8	0.41	434	051-4
1159.00	cut	Sh/Clst: m gy to m drk gy	0.53	1.51	0.67	2.25	2.15	70	31	2.0	0.26	435	053-4
1165.00	cut	Sh/Clst: dsk y brn	0.88	3.94	0.73	5.40	3.00	131	24	4.8	0.18	425	055-1
1171.00	cut	Sh/Clst: dsk y brn	0.57	3.02	0.59	5.12	2.42	125	24	3.6	0.16	428	057-2
1186.00	cut	Sh/Clst: dsk y brn	0.70	3.95	0.85	4.65	2.50	158	34	4.7	0.15	427	059-2
1192.00	cut	Sh/Clst: dsk y brn	1.06	8.25	1.00	8.25	4.37	189	23	9.3	0.11	427	061-1
1195.00	cut	Sh/Clst: m gy to m drk gy	0.42	0.57	0.79	0.72	1.60	36	49	1.0	0.42	429	062-4
1213.00	cut	Sh/Clst: dsk y brn	1.05	7.61	0.99	7.69	3.92	194	25	8.7	0.12	429	068-1
1219.00	cut	Sh/Clst: dsk y brn	0.63	5.87	0.89	6.60	3.63	162	25	6.5	0.10	429	070-1

Table 2 : Rock-Eval table for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1225.00	cut	Sh/Clst: dsk y brn	0.58	7.60	0.84	9.05	4.12	184	20	8.2	0.07	424	072-1
1231.00	cut	Sh/Clst: dsk y brn	1.02	7.73	1.13	6.84	3.94	196	29	8.8	0.12	427	074-1
1237.00	cut	Sh/Clst: dsk y brn	0.77	10.06	0.85	11.84	4.33	232	20	10.8	0.07	427	076-4
1243.00	cut	Sh/Clst: dsk y brn	0.87	10.98	0.83	13.23	4.38	251	19	11.8	0.07	424	078-2
1249.00	cut	Sh/Clst: dsk y brn	0.89	15.74	0.39	40.36	4.74	332	8	16.6	0.05	424	080-2
1252.00	cut	Sltst : lt gy	0.54	0.35	0.53	0.66	0.51	69	104	0.9	0.61	429	081-3
1255.00	cut	Sh/Clst: dsk y brn	0.59	9.58	0.25	38.32	3.76	255	7	10.2	0.06	429	082-3
1261.00	cut	Sh/Clst: dsk y brn	0.79	14.40	0.36	40.00	4.45	324	8	15.2	0.05	424	084-3
1267.00	cut	Sh/Clst: dsk y brn	0.61	13.83	0.42	32.93	4.74	292	9	14.4	0.04	425	086-1
1273.00	cut	Sh/Clst: dsk y brn	0.84	13.41	0.53	25.30	4.68	287	11	14.3	0.06	422	088-3
1279.00	cut	Sh/Clst: ol blk	0.63	19.04	0.65	29.29	5.45	349	12	19.7	0.03	423	090-1
1285.00	cut	Sh/Clst: ol blk	0.49	16.74	1.00	16.74	6.30	266	16	17.2	0.03	422	092-1
1291.00	cut	Sh/Clst: ol blk	0.97	22.86	1.22	18.74	8.49	269	14	23.8	0.04	416	094-1
1297.00	cut	Sh/Clst: ol blk	0.58	19.66	1.51	13.02	9.79	201	15	20.2	0.03	415	096-1
1303.00	cut	Sh/Clst: ol blk	0.97	15.80	0.93	16.99	4.93	320	19	16.8	0.06	422	098-2

Table 2 : Rock-Eval table for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1318.00	cut	Sh/Clst: ol blk	1.12	24.80	1.51	16.42	10.62	234	14	25.9	0.04	418	103-1
1327.00	cut	Sh/Clst: ol blk	0.97	23.32	1.74	13.40	10.84	215	16	24.3	0.04	419	106-1
1336.00	cut	Sh/Clst: ol blk	0.75	21.67	1.75	12.38	8.82	246	20	22.4	0.03	417	109-1
1345.00	cut	Sh/Clst: ol blk	0.83	19.92	1.77	11.25	8.37	238	21	20.8	0.04	421	112-2
1357.00	cut	Sh/Clst: ol blk	1.09	15.11	1.53	9.88	6.09	248	25	16.2	0.07	421	116-2
1372.00	cut	Sltst : red brn to y gy to m brn	0.09	0.34	2.40	0.14	1.10	31	218	0.4	0.21	425	121-1
1378.00	cut	S/Sst	0.13	0.35	2.07	0.17	0.56	63	370	0.5	0.27	423	123-1
1407.00	ccp	S/Sst : y gy	0.39	0.47	0.05	9.40	0.10	470	50	0.9	0.45	583	200-1
1428.00	ccp	S/Sst : y gy	0.41	0.65	0.11	5.91	0.16	406	69	1.1	0.39	574	201-1
1433.80	ccp	Sh/Clst: m drk gy to y gy	0.89	2.04	0.45	4.53	1.52	134	30	2.9	0.30	434	202-1
1447.00	cut	Ca : ol gy to m gy	0.38	0.75	1.01	0.74	0.81	93	125	1.1	0.34	424	128-1
1453.00	cut	Ca : ol gy to m gy	0.13	0.24	1.44	0.17	0.49	49	294	0.4	0.35	426	130-1
1487.60	ccp	S/Sst : y gy	0.23	0.32	0.07	4.57	0.09	356	78	0.6	0.42	576	203-1
1496.40	ccp	bulk	32.82	82.94	5.89	14.08	46.97	177	13	115.8	0.28	421	204-0
1498.85	ccp	S/Sst : y gy	0.46	0.63	0.20	3.15	0.27	233	74	1.1	0.42	495	205-1

Table 2 : Rock-Eval table for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1517.00	ccp	S/Sst : y gy to m gy	1.37	1.27	0.28	4.54	0.55	231	51	2.6	0.52	496	206-1
1546.00	ccp	S/Sst : y gy	1.99	0.31	0.34	0.91	0.28	111	121	2.3	0.87	409	207-1
1575.30	ccp	S/Sst : pl y brn	2.15	2.39	0.40	5.98	0.87	275	46	4.5	0.47	430	210-1
1587.00	ccp	Coal : blk	25.09	204.70	5.88	34.81	59.58	344	10	229.8	0.11	422	212-1
1595.00	ccp	S/Sst : pl y brn	1.91	2.41	0.35	6.89	0.97	248	36	4.3	0.44	427	213-1
1615.30	ccp	S/Sst : dsk y brn	4.49	12.44	0.37	33.62	3.92	317	9	16.9	0.27	431	215-1
1623.30	ccp	S/Sst : y gy	2.92	1.27	0.37	3.43	0.62	205	60	4.2	0.70	425	217-1
1643.40	ccp	S/Sst : y gy	1.32	1.00	0.17	5.88	0.42	238	40	2.3	0.57	428	218-1
1661.40	ccp	S/Sst : y gy to drk gy	1.69	1.68	0.15	11.20	0.75	224	20	3.4	0.50	431	219-1
1682.70	ccp	S/Sst : y gy	0.15	0.51	-	-	0.21	243	-	0.7	0.23	537	224-1
1693.00	cut	S/Sst : y gy	0.09	0.06	0.22	0.27	0.09	67	244	0.2	0.60	413	137-1
1699.00	cut	S/Sst : y gy	0.10	0.13	0.31	0.42	0.18	72	172	0.2	0.43	428	138-1
1705.00	cut	S/Sst : y gy	0.05	0.05	0.33	0.15	0.07	71	471	0.1	0.50	425	140-1
1711.00	cut	S/Sst : y gy	0.07	0.16	0.15	1.07	0.28	57	54	0.2	0.30	427	142-1
1717.00	cut	S/Sst : ol gy	0.07	0.06	0.25	0.24	0.09	67	278	0.1	0.54	424	144-1

Table 2 : Rock-Eval table for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1723.00	cut	Sltst : m gy to pl y brn	0.70	3.79	0.49	7.73	2.41	157	20	4.5	0.16	426	146-1
1729.00	cut	S/Sst : y gy	0.10	0.11	0.19	0.58	0.15	73	127	0.2	0.48	424	148-3
1735.00	cut	S/Sst : y gy	0.04	0.05	0.14	0.36	0.06	83	233	0.1	0.44	425	150-1
1744.00	cut	S/Sst : y gy	0.06	0.10	0.74	0.14	0.10	100	740	0.2	0.38	416	153-3
1753.00	cut	Sh/Clst: blk	2.21	30.68	1.84	16.67	23.12	133	8	32.9	0.07	430	156-1
1756.00	cut	Sh/Clst: blk	2.15	29.78	1.64	18.16	16.35	182	10	31.9	0.07	432	157-1
1759.00	cut	S/Sst : y gy	0.05	0.16	0.22	0.73	0.25	64	88	0.2	0.24	432	158-2
1771.00	cut	S/Sst : y gy	0.11	0.13	0.12	1.08	0.11	118	109	0.2	0.46	423	160-3
1783.00	cut	S/Sst : y gy	0.11	0.16	0.13	1.23	0.14	114	93	0.3	0.41	421	161-3
1789.00	cut	Sh/Clst: brn gy to ol blk	1.45	12.47	0.86	14.50	4.17	299	21	13.9	0.10	425	163-1
1795.00	cut	S/Sst : y gy	0.09	0.10	0.14	0.71	0.09	111	156	0.2	0.47	420	165-1
1801.00	cut	Coal : blk	4.37	95.62	3.33	28.71	43.11	222	8	100.0	0.04	431	167-1
1807.00	cut	S/Sst : y gy	0.09	0.24	0.22	1.09	0.21	114	105	0.3	0.27	427	169-4
1810.00	cut	Sh/Clst: blk to ol blk	2.34	59.05	0.99	59.65	12.87	459	8	61.4	0.04	441	170-1
1816.00	cut	S/Sst : y gy	0.15	0.84	0.32	2.63	0.62	135	52	1.0	0.15	435	172-4

Table 2 : Rock-Eval table for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1846.00	cut	Coal : blk	9.61	143.84	7.69	18.70	64.46	223	12	153.4	0.06	433	181-1
1861.00	cut	Coal : blk	3.25	55.50	7.00	7.93	55.12	101	13	58.8	0.06	441	185-1
1867.00	cut	S/Sst : w	0.06	0.06	0.01	6.00	0.13	46	8	0.1	0.50	326	187-4
1873.00	cut	Sh/Clst: brn gy to ol blk	2.89	14.84	1.48	10.03	5.85	254	25	17.7	0.16	428	189-1
1879.00	cut	Sltst : brn gy to ol blk	2.48	34.58	2.36	14.65	10.45	331	23	37.1	0.07	433	191-4
1885.00	cut	Sh/Clst: m gy to m brn	1.45	6.61	1.32	5.01	3.63	182	36	8.1	0.18	434	193-1
1891.00	cut	Sh/Clst: m gy to m brn	0.59	2.59	0.48	5.40	3.42	76	14	3.2	0.19	434	195-1
1900.00	cut	Sltst : brn gy to ol blk to m gy	0.73	4.22	0.79	5.34	3.08	137	26	4.9	0.15	428	198-1
1900.00	cut	Sh/Clst: m gy to m brn	0.04	0.07	0.91	0.08	0.19	37	479	0.1	0.36	434	198-3
1902.00	cut	Sltst : brn gy to ol blk to m gy	1.65	16.25	1.12	14.51	7.83	208	14	17.9	0.09	425	199-1

Table 3 a: Weight of EOM and Chromatographic Fraction for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	Rock Extracted (g)	EOM (mg)	Sat (mg)	Aro (mg)	Asph (mg)	NSO (mg)	HC (mg)	Non-HC (mg)	TOC(e) (%)	Sample
1213.00	com	Composite sample - see table 3 e	0.7	3.2	0.4	0.2	0.4	2.2	0.6	2.6	4.40	227-0B
1318.00	cut	Sh/Clst: ol blk	1.5	6.7	0.6	0.7	1.4	4.0	1.3	5.4	11.10	103-1L
1357.00	com	Composite sample - see table 3 e	0.7	2.4	0.1	0.4	0.6	1.3	0.5	1.9	7.80	228-0B
1496.40	ccp	bulk	1.1	60.5	12.6	8.0	1.5	38.4	20.6	39.9	35.80	204-0B
1498.85	ccp	S/Sst : y gy	10.8	9.7	3.4	1.0	0.1	5.3	4.3	5.4	0.19	205-1L
1517.00	ccp	S/Sst : y gy to m gy	10.1	20.8	8.4	1.7	0.7	10.0	10.1	10.7	0.59	206-1L
1546.00	ccp	S/Sst : y gy	10.5	25.6	16.6	2.4	0.5	6.1	19.0	6.6	0.45	207-1L
1575.30	ccp	S/Sst : pl y brn	9.3	39.1	15.0	3.6	1.1	19.4	18.6	20.5	0.99	210-1L
1587.00	ccp	Coal : blk	2.0	76.4	4.4	15.8	17.8	38.3	20.3	56.1	69.20	212-1L
1595.00	ccp	S/Sst : pl y brn	9.4	22.1	10.9	2.4	1.0	7.8	13.3	8.8	0.62	213-1L
1615.30	ccp	S/Sst : dsk y brn	11.5	70.2	18.6	7.9	7.1	36.6	26.5	43.7	3.66	215-1L
1623.30	ccp	S/Sst : y gy	11.7	51.4	28.7	5.6	0.6	16.5	34.3	17.1	0.66	217-1L
1643.40	ccp	S/Sst : y gy	9.2	18.6	9.5	1.6	0.5	7.1	11.0	7.6	0.56	218-1L
1661.40	ccp	S/Sst : y gy to drk gy	9.4	23.3	8.5	2.2	0.4	12.2	10.7	12.6	0.79	219-1L

Table 3 a: Weight of EOM and Chromatographic Fraction for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	Rock Extracted (g)	EOM (mg)	Sat (mg)	Aro (mg)	Asph (mg)	NSO (mg)	HC (mg)	Non-HC (mg)	TOC(e) (%)	Sample
1756.00	com	Composite sample - see table 3 e	6.0	24.6	3.8	2.8	3.0	15.0	6.6	18.0	20.60	229-0B
1879.00	com	Composite sample - see table 3 e	0.7	7.0	1.4	0.2	0.6	4.7	1.7	5.3	6.92	230-0B

Table 3 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1213.00	com	Composite sample - see table 3 e	4383	493	328	547	3013	821	3561	227-0B
1318.00	cut	Sh/Clst: ol blk	4527	405	486	945	2689	891	3635	103-1L
1357.00	com	Composite sample - see table 3 e	3582	179	537	895	1970	716	2865	228-0B
1496.40	ccp	bulk	54504	11351	7243	1351	34558	18594	35909	204-0B
1498.85	ccp	S/Sst : y gy	902	312	89	9	491	401	500	205-1L
1517.00	ccp	S/Sst : y gy to m gy	2061	832	166	69	993	999	1062	206-1L
1546.00	ccp	S/Sst : y gy	2431	1572	227	47	583	1800	630	207-1L
1575.30	ccp	S/Sst : pl y brn	4217	1618	388	118	2092	2006	2211	210-1L
1587.00	ccp	Coal : blk	38391	2231	7959	8944	19256	10190	28201	212-1L
1595.00	ccp	S/Sst : pl y brn	2348	1160	255	106	826	1415	933	213-1L
1615.30	ccp	S/Sst : dsk y brn	6099	1615	688	616	3178	2304	3794	215-1L
1623.30	ccp	S/Sst : y gy	4400	2455	482	51	1410	2938	1462	217-1L
1643.40	ccp	S/Sst : y gy	2019	1029	169	54	766	1198	820	218-1L
1661.40	ccp	S/Sst : y gy to drk gy	2470	903	229	42	1295	1132	1338	219-1L

Table 3 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1756.00	com	Composite sample - see table 3 e	4127	644	463	503	2516	1107	3020	229-0B
1879.00	com	Composite sample - see table 3 e	9859	2028	338	845	6647	2366	7492	230-0B

Table 3 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1213.00	com	Composite sample - see table 3 e	99.63	11.21	7.47	12.45	68.49	18.68	80.95	227-0B
1318.00	cut	Sh/Clst: ol blk	40.78	3.65	4.38	8.52	24.23	8.04	32.75	103-1L
1357.00	com	Composite sample - see table 3 e	45.92	2.30	6.89	11.48	25.26	9.18	36.74	228-0B
1496.40	ccp	bulk	152.25	31.71	20.23	3.77	96.53	51.94	100.31	204-0B
1498.85	ccp	S/Sst : y gy	474.91	164.50	47.00	4.90	258.51	211.51	263.40	205-1L
1517.00	ccp	S/Sst : y gy to m gy	349.40	141.10	28.22	11.76	168.32	169.32	180.07	206-1L
1546.00	ccp	S/Sst : y gy	540.26	349.48	50.65	10.55	129.58	400.13	140.13	207-1L
1575.30	ccp	S/Sst : pl y brn	426.05	163.45	39.23	11.99	211.39	202.67	223.38	210-1L
1587.00	ccp	Coal : blk	55.48	3.22	11.50	12.93	27.83	14.73	40.75	212-1L
1595.00	ccp	S/Sst : pl y brn	378.80	187.17	41.14	17.14	133.35	228.31	150.49	213-1L
1615.30	ccp	S/Sst : dsk y brn	166.64	44.15	18.80	16.85	86.83	62.95	103.69	215-1L
1623.30	ccp	S/Sst : y gy	666.77	372.04	73.16	7.78	213.78	445.21	221.56	217-1L
1643.40	ccp	S/Sst : y gy	360.63	183.81	30.25	9.69	136.89	214.05	146.58	218-1L
1661.40	ccp	S/Sst : y gy to drk gy	312.76	114.37	28.99	5.37	164.03	143.36	169.40	219-1L

Table 3 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1756.00	com	Composite sample - see table 3 e	20.04	3.13	2.25	2.44	12.22	5.38	14.66	229-0B
1879.00	com	Composite sample - see table 3 e	142.47	29.31	4.88	12.21	96.07	34.19	108.28	230-0B

Table 3 d: Composition of material extracted from the rock (%) for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	Sat / EOM	Aro / EOM	Asph / EOM	NSO / EOM	HC / EOM	Non-HC / EOM	Sat / Aro	HC / Non-HC	Sample
1213.00	com	Composite sample - see table 3 e	11.25	7.50	12.50	68.75	18.75	81.25	150.00	23.08	227-0B
1318.00	cut	Sh/Clst: ol blk	8.96	10.75	20.90	59.40	19.70	80.30	83.33	24.54	103-1L
1357.00	com	Composite sample - see table 3 e	5.00	15.00	25.00	55.00	20.00	80.00	33.33	25.00	228-0B
1496.40	ccp	bulk	20.83	13.29	2.48	63.40	34.12	65.88	156.72	51.78	204-0B
1498.85	ccp	S/Sst : y gy	34.64	9.90	1.03	54.43	44.54	55.46	350.00	80.30	205-1L
1517.00	ccp	S/Sst : y gy to m gy	40.38	8.08	3.37	48.17	48.46	51.54	500.00	94.03	206-1L
1546.00	ccp	S/Sst : y gy	64.69	9.38	1.95	23.98	74.06	25.94	690.00	285.54	207-1L
1575.30	ccp	S/Sst : pl y brn	38.36	9.21	2.81	49.62	47.57	52.43	416.67	90.73	210-1L
1587.00	ccp	Coal : blk	5.81	20.73	23.30	50.16	26.54	73.46	28.03	36.14	212-1L
1595.00	ccp	S/Sst : pl y brn	49.41	10.86	4.52	35.20	60.27	39.73	455.00	151.71	213-1L
1615.30	ccp	S/Sst : dsk y brn	26.50	11.28	10.11	52.11	37.78	62.22	234.85	60.71	215-1L
1623.30	ccp	S/Sst : y gy	55.80	10.97	1.17	32.06	66.77	33.23	508.51	200.94	217-1L
1643.40	ccp	S/Sst : y gy	50.97	8.39	2.69	37.96	59.35	40.65	607.69	146.03	218-1L
1661.40	ccp	S/Sst : y gy to drk gy	36.57	9.27	1.72	52.45	45.84	54.16	394.44	84.63	219-1L

Table 3 d: Composition of material extracted from the rock (%) for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	Sat / EOM	Aro / EOM	Asph / EOM	NSO / EOM	HC / EOM	Non-HC / EOM	Sat / Aro	HC / Non-HC	Sample
1756.00	com	Composite sample - see table 3 e	15.61	11.22	12.20	60.98	26.83	73.17	139.13	36.67	229-0B
1879.00	com	Composite sample - see table 3 e	20.57	3.43	8.57	67.43	24.00	76.00	600.00	31.58	230-0B

Table 3 e: List of composite samples appearing in the extraction tables for well NOCS 7119/12-2

Depth unit of measure: m

NOTE: Depths shown in tables 3 a to d correspond to the composite samples' lower depth.

Upper depth	Lower depth	Typ	Sample		Depth	Typ	Lithology	Sample
1192.00	1213.00	com	227-0	is composed of:	1192.00	cut	Sh/Clst: dsk y brn, calc, carb, mic, slt	061-1
					1213.00	cut	Sh/Clst: dsk y brn, calc, carb, slt, mic	068-1
1345.00	1357.00	com	228-0	is composed of:	1345.00	cut	Sh/Clst: ol blk, calc, carb, pyr, slt, mic	112-2
					1357.00	cut	Sh/Clst: ol blk, calc, carb, pyr, slt, mic	116-2
1753.00	1756.00	com	229-0	is composed of:	1753.00	cut	Sh/Clst: blk, carb, slt, mic	156-1
					1756.00	cut	Sh/Clst: blk, carb, slt, mic	157-1
1873.00	1879.00	com	230-0	is composed of:	1873.00	cut	Sh/Clst: brn gy to ol blk, carb, slt, mic	189-1
					1879.00	cut	Sltst : brn gy to ol blk, carb, mic	191-4

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Table 4 : Saturated Hydrocarbon Ratios for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	Pristane / nC17	Pristane / Phytane	Pristane + Phytane / nC17 + nC18	Phytane / nC18	CPI	Sample
1213.00	com	bulk	0.67	1.35	0.61	0.54	1.50	227-0B
1318.00	cut	Sh/Clst: ol blk	1.12	1.39	0.97	0.82	1.41	103-1L
1357.00	com	bulk	1.04	0.81	0.76	0.63	1.52	228-0B
1496.40	ccp	bulk	0.85	2.85	0.67	0.42	1.24	204-0B
1498.85	ccp	S/Sst : y gy	0.99	1.30	0.68	0.48	1.20	205-1L
1517.00	ccp	S/Sst : y gy to m gy	1.06	1.40	0.72	0.50	1.19	206-1L
1546.00	ccp	S/Sst : y gy	1.04	1.38	0.72	0.50	1.16	207-1L
1575.30	ccp	S/Sst : pl y brn	0.97	1.72	0.71	0.48	1.17	210-1L
1587.00	ccp	Coal : blk	0.64	2.38	0.51	0.34	1.08	212-1L
1595.00	ccp	S/Sst : pl y brn	1.19	1.51	0.83	0.57	1.26	213-1L
1615.30	ccp	S/Sst : dsk y brn	0.92	2.11	0.73	0.50	1.20	215-1L
1623.30	ccp	S/Sst : y gy	1.01	1.41	0.72	0.51	1.18	217-1L
1643.40	ccp	S/Sst : y gy	1.07	1.90	0.77	0.51	1.24	218-1L
1661.40	ccp	S/Sst : y gy to drk gy	1.07	1.72	0.80	0.55	1.23	219-1L

Table 4 : Saturated Hydrocarbon Ratios for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	Pristane / nC17	Pristane / Phytane	Pristane + Phytane / nC17 + nC18	Phytane / nC18	CPI	Sample
1756.00	com	bulk	0.89	2.26	0.66	0.42	1.53	225-0B
1879.00	com	bulk	0.71	1.32	0.61	0.52	1.56	230-0B

Table 5 : Aromatic Hydrocarbon Ratios for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	DBT/P	4/1MDBT	(3+2)/1MDBT	Sample
1213.00	com	bulk	-	-	-	0.97	1.44	1.19	-	-	-	227-0B
1318.00	cut	Sh/Clst: ol blk	-	-	-	0.78	0.69	0.63	0.43	1.30	0.54	103-1L
1357.00	com	bulk	-	-	-	0.88	0.76	0.75	0.28	1.26	0.63	228-0B
1496.40	ccp	bulk	1.38	3.27	-	1.02	0.74	0.75	0.19	12.69	2.88	204-0B
1517.00	ccp	S/Sst : y gy to m gy	-	-	-	-	-	-	-	4.15	1.77	206-1L
1546.00	ccp	S/Sst : y gy	0.82	-	-	0.91	1.00	0.98	-	4.30	1.69	207-1L
1575.30	ccp	S/Sst : pl y brn	-	-	-	1.72	3.22	2.88	-	3.03	1.17	210-1L
1587.00	ccp	Coal : blk	1.49	-	0.33	1.05	0.73	0.75	0.23	9.60	1.72	212-1L
1595.00	ccp	S/Sst : pl y brn	1.35	-	0.28	0.98	0.90	0.90	-	3.78	1.55	213-1L
1615.30	ccp	S/Sst : dsk y brn	1.37	-	0.22	1.05	0.78	0.75	0.21	11.66	1.94	215-1L
1623.30	ccp	S/Sst : y gy	1.39	-	-	0.95	1.04	1.01	-	4.49	2.13	217-1L
1643.40	ccp	S/Sst : y gy	1.43	-	0.32	0.96	0.93	0.91	-	7.39	2.64	218-1L
1661.40	ccp	S/Sst : y gy to drk gy	1.41	-	0.25	0.98	0.88	0.84	-	9.73	3.33	219-1L
1756.00	com	bulk	0.85	1.54	0.10	0.71	0.39	0.35	0.08	1.84	0.66	225-0B
1879.00	com	bulk	-	-	-	0.89	0.84	0.74	0.26	5.72	1.16	230-0B

Table 6 : Thermal Maturity Data for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
1021.00	cut	bulk	0.33	2	0.07	-	-	-	007-0B
1069.00	cut	bulk	0.33	8	0.05	-	-	-	023-0B
1120.00	cut	bulk	0.39	43	0.06	-	-	-	040-0B
1174.00	cut	bulk	0.33	14	0.05	-	-	-	058-0B
1192.00	cut	Sh/Clst: dsk y brn	-	-	-	-	3-3.5	427	061-1L
1228.00	cut	bulk	0.33	22	0.03	-	-	-	073-0B
1237.00	cut	Sh/Clst: dsk y brn	-	-	-	-	3.5	427	076-4L
1249.00	cut	Sh/Clst: dsk y brn	-	-	-	-	3.5	424	080-2L
1279.00	cut	bulk	0.34	29	0.04	-	-	-	090-0B
1279.00	cut	Sh/Clst: ol blk	-	-	-	-	NDP	423	090-1L
1291.00	cut	Sh/Clst: ol blk	-	-	-	-	3.5	416	094-1L
1303.00	cut	Sh/Clst: ol blk	-	-	-	-	NDP	422	098-2L
1318.00	cut	Sh/Clst: ol blk	-	-	-	-	4	418	103-1L
1330.00	cut	bulk	0.38	48	0.04	-	-	-	107-0B

Table 6 : Thermal Maturity Data for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
1357.00	cut	Sh/Clst: ol blk	-	-	-	-	3.5-4	421	116-2L
1378.00	cut	bulk	0.41	35	0.06	-	-	-	123-0B
1433.80	ccp	bulk	0.47	19	0.05	-	-	-	202-0B
1496.40	ccp	bulk	0.39	51	0.04	-	-	421	204-0B
1558.20	ccp	bulk	0.37	50	0.02	-	-	-	208-0B
1587.00	ccp	Coal : blk	-	-	-	-	NDP	422	212-1L
1615.30	ccp	S/Sst : dsk y brn	-	-	-	-	NDP	431	215-1L
1619.70	ccp	bulk	0.46	50	0.03	-	-	-	216-0B
1661.40	ccp	S/Sst : y gy to drk gy	-	-	-	-	NDP	431	219-1L
1681.40	ccp	bulk	0.49	50	0.05	-	-	-	223-0B
1756.00	com	bulk	-	-	-	-	NDP	-	225-0B
1759.00	cut	bulk	0.46	42	0.05	-	-	-	158-0B
1789.00	cut	Sh/Clst: brn gy to ol blk	-	-	-	-	NDP	425	163-1L
1804.00	cut	bulk	0.51	17	0.05	-	-	-	168-0B

Table 6 : Thermal Maturity Data for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
1810.00	cut	Sh/Clst: blk to ol blk	-	-	-	-	5	441	170-1L
1861.00	cut	bulk	0.56	28	0.05	-	-	-	185-0B
1902.00	cut	bulk	0.55	17	0.06	-	-	-	199-0B

Table 7 : Visual Kerogen Composition Data for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	LIPT %	Amor L	Lip Det	Sp/Pol	Cut Cil	Resine	Algae	Dinoflt	Acrit	Bit L	INERT %	Fusin	Sem Fus	Sent Det	Mic Rein	Scler Res	Bit I	VITR %	Tel Cin	Col Cin	Vit Det	Am Vit	Bit V	Smple
1192.00	cut	Sh/Clst: dsk y brn	10		**	*							5			*				85			*	**		061-1
1237.00	cut	Sh/Clst: dsk y brn	10		**	*							10		?	*				80			*	**		076-4
1249.00	cut	Sh/Clst: dsk y brn	15		**	*							10		?	**				75			*	**		080-2
1279.00	cut	Sh/Clst: ol blk	15		**	*							20	?	*	*				65			**	**		090-1
1291.00	cut	Sh/Clst: ol blk	10		*	*							15		*	*				75			*	**		094-1
1303.00	cut	Sh/Clst: ol blk	10		**	*							10			*				80			*	**		098-2
1318.00	cut	Sh/Clst: ol blk	10		**	*							15			*				75			*	**		103-1
1357.00	cut	Sh/Clst: ol blk	10		**	*							20	?	**	*				70			*	**		116-2
1587.00	ccp	Coal : blk	10		*								5			*				85		*				212-1
1615.30	ccp	S/Sst : dsk y brn	TR										TR							100						215-1
1661.40	ccp	S/Sst : y gy to drk gy	NDP										NDP							NDP						219-1
1756.00	com	bulk	TR		*								30		**	*				70		**	*			225-0
1789.00	cut	Sh/Clst: brn gy to ol blk	15		**	*							15		*					70		**	*			163-1

Table 7 : Visual Kerogen Composition Data for well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	LIPT %	Amor L	Lip/Det	Spo/Pcl	Cut/Pcl	Res/Ine	Alg/Ane	Dino/Afl	Acri/Ait	Bit/BL	INERT %	Fus/Fin	Sem/Fus	Inert/Det	Micr/Ine	Scler/Ino	Bit/BI	VITR %	Tell/Tin	Coll/Cin	Vit/Det	Amor/Ver	Bit/Vit	Smple
1810.00	cut	Sh/Clst: blk to ol blk	70		*	*							10		*	*				20		*	*	*	170-1
1879.00	com	bulk	40		*	**							10		*	*				50			*	*	226-0

Table 8 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
1192.00	cut	Sh/Clst: dsk y brn	5.27	15.52	36.45	42.76	8.25	061-1L
1249.00	cut	Sh/Clst: dsk y brn	4.85	13.50	37.27	44.39	15.74	080-2L
1291.00	cut	Sh/Clst: ol blk	5.34	13.81	33.70	47.16	22.86	094-1L
1303.00	cut	Sh/Clst: ol blk	4.85	15.86	35.70	43.78	15.80	098-2L
1318.00	cut	Sh/Clst: ol blk	5.84	15.95	31.73	46.47	24.80	103-1L
1357.00	cut	Sh/Clst: ol blk	5.54	16.73	34.50	43.23	15.11	116-2L
1428.00	ccp	S/Sst : y gy	3.29	23.20	31.92	41.59	0.65	201-1L
1496.40	ccp	bulk	8.04	10.17	31.18	50.61	82.94	204-0B
1498.85	ccp	S/Sst : y gy	42.34	7.86	35.61	14.19	0.63	205-1L
1517.00	ccp	S/Sst : y gy to m gy	4.64	24.90	34.31	36.15	1.27	206-1L
1546.00	ccp	S/Sst : y gy	4.24	24.48	33.50	37.79	0.31	207-1L
1575.30	ccp	S/Sst : pl y brn	6.84	31.76	44.27	17.14	2.39	210-1L
1587.00	ccp	Coal : blk	5.61	12.36	24.82	57.22	204.70	212-1L
1595.00	ccp	S/Sst : pl y brn	6.81	19.00	26.29	47.90	2.41	213-1L
1615.30	ccp	S/Sst : dsk y brn	9.25	15.84	23.58	51.34	12.44	215-1L

Table 8 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 7119/12-2

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
1623.30	ccp	S/Sst : y gy	7.81	33.31	40.39	18.49	1.27	217-1L
1643.40	ccp	S/Sst : y gy	5.71	32.11	45.68	16.50	1.00	218-1L
1661.40	ccp	S/Sst : y gy to drk gy	7.86	32.73	44.18	15.24	1.68	219-1L
1756.00	cut	Sh/Clst: blk	6.39	16.76	28.88	47.97	29.78	157-1L
1789.00	cut	Sh/Clst: brn gy to ol blk	4.51	16.15	33.18	46.17	12.47	163-1L
1810.00	cut	Sh/Clst: blk to ol blk	3.87	13.15	29.82	53.15	59.05	170-1L
1846.00	cut	Coal : blk	8.01	13.67	24.93	53.40	143.84	181-1L
1879.00	cut	Sltst : brn gy to ol blk	4.86	16.88	29.34	48.92	34.58	231-1L

Table 9: Variation in Triterpane Distribution for Well NOCS 7119/12-2

Depth unit of measure: m

Depth	Lithology	B/A	B/B+A	B B+E+F	C/E	C/C+E	X/E	Z/E	Z/C	Z/Z+E	Q/E	E/E+F	C+D C+D+E+F	D+F/C+E	J1 J1+J2%	Sample
1213.00	Sh/Clst	3.22	0.76	0.19	0.45	0.31	0.07	0.05	0.11	0.05	0.10	0.79	0.33	0.31	28.17	068-1
1498.85	S/Sst	1.56	0.61	0.14	0.58	0.37	0.07	0.03	0.06	0.03	0.05	0.87	0.36	0.14	56.52	205-1
1517.00	S/Sst	2.73	0.73	0.17	0.59	0.37	0.07	0.05	0.09	0.05	0.06	0.87	0.37	0.14	58.82	206-1
1546.00	S/Sst	1.64	0.62	0.15	0.59	0.37	0.07	0.05	0.08	0.05	0.06	0.87	0.37	0.14	54.96	207-1
1575.30	S/Sst	1.80	0.64	0.15	0.53	0.35	0.07	0.05	0.10	0.05	0.06	0.88	0.35	0.14	59.32	210-1
1587.00	Coal	3.91	0.80	0.28	0.58	0.37	0.07	0.13	0.23	0.12	0.04	0.79	0.37	0.26	48.15	212-1
1595.00	S/Sst	2.00	0.67	0.15	0.57	0.36	0.05	0.05	0.09	0.05	0.05	0.88	0.36	0.14	53.33	213-1
1615.30	S/Sst	1.95	0.66	0.16	0.48	0.33	0.05	0.05	0.11	0.05	0.05	0.89	0.34	0.14	53.76	215-1
1623.30	S/Sst	1.77	0.64	0.16	0.52	0.34	0.07	0.05	0.10	0.05	0.05	0.87	0.34	0.14	59.09	217-1
1643.40	S/Sst	2.12	0.68	0.15	0.53	0.34	0.05	0.05	0.10	0.05	0.05	0.88	0.34	0.14	55.74	218-1
1756.00	Sh/Clst	23.80	0.96	0.30	0.69	0.41	0.03	0.17	0.24	0.14	0.02	0.65	0.41	0.55	54.55	157-1

Table 10: Variation in Sterane Distribution for Well NOCS 7119/12-2

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Sample
1213.00	Sh/Clst	0.55	22.10	65.65	0.91	0.81	0.28	0.23	068-1
1498.85	S/Sst	0.63	44.71	66.27	0.81	0.69	0.27	0.23	205-1
1517.00	S/Sst	0.67	45.51	64.11	0.77	0.66	0.29	0.24	206-1
1546.00	S/Sst	0.67	43.18	66.28	0.84	0.69	0.26	0.22	207-1
1575.30	S/Sst	0.59	44.02	61.64	0.89	0.65	0.28	0.24	210-1
1587.00	Coal	0.45	35.66	57.14	0.57	0.65	0.53	0.47	212-1
1595.00	S/Sst	0.55	45.54	64.72	0.80	0.67	0.26	0.22	213-1
1615.30	S/Sst	0.56	43.35	58.19	0.87	0.62	0.31	0.27	215-1
1623.30	S/Sst	0.58	46.61	60.61	0.79	0.62	0.25	0.20	217-1
1643.40	S/Sst	0.63	41.98	60.88	0.91	0.65	0.23	0.19	218-1
1756.00	Sh/Clst	0.47	34.18	51.29	0.63	0.61	0.15	0.13	157-1

Ratio1: a / a + j
Ratio2: q / q + t * 100%
Ratio3: 2(r + s)/(q + t + 2(r + s)) * 100%
Ratio4: a + b + c + d / h + k + l + n

Ratio5: r + s / r + s + q
Ratio6: u + v / u + v + q + r + s + t
Ratio7: u + v / u + v + i + m + n + q + r + s + t

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Table 11: Aromatisation of Steranes for Well NOCS 7119/12-2

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Sample
1213.00	Sh/Clst	0.66	0.47	068-1
1498.85	S/Sst	0.55	0.70	205-1
1517.00	S/Sst	0.56	0.71	206-1
1546.00	S/Sst	0.54	0.75	207-1
1575.30	S/Sst	0.55	0.75	210-1
1587.00	Coal	0.68	0.66	212-1
1595.00	S/Sst	0.54	0.74	213-1
1615.30	S/Sst	0.38	0.85	215-1
1623.30	S/Sst	0.57	0.69	217-1
1643.40	S/Sst	0.42	0.85	218-1
1756.00	Sh/Clst	0.24	0.96	157-1

Ratio1: $$\frac{C1+D1+E1+F1+G1+H1+I1}{C1+D1+E1+F1+G1+H1+I1 + c1+d1+e1+f1+g1}$$

Ratio2: g1 / g1 + I1

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Table 12: Variation in Triaromatic Sterane Distribution for Well NOCS 7119/12-2

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Sample
1213.00	Sh/Clst	0.50	0.51	0.24	0.24	0.31	068-1
1498.85	S/Sst	0.33	0.36	0.16	0.15	0.20	205-1
1517.00	S/Sst	0.38	0.44	0.20	0.18	0.24	206-1
1546.00	S/Sst	0.41	0.42	0.20	0.19	0.26	207-1
1575.30	S/Sst	0.48	0.47	0.23	0.24	0.31	210-1
1587.00	Coal	0.82	0.78	0.55	0.58	0.66	212-1
1595.00	S/Sst	0.31	0.35	0.14	0.13	0.18	213-1
1615.30	S/Sst	0.64	0.64	0.35	0.36	0.44	215-1
1623.30	S/Sst	0.37	0.40	0.17	0.16	0.21	217-1
1643.40	S/Sst	0.36	0.38	0.17	0.16	0.22	218-1
1756.00	Sh/Clst	0.16	0.12	0.10	0.08	0.31	157-1

Ratio1: a1 / a1 + g1
Ratio2: b1 / b1 + g1
Ratio3: a1 + b1 / a1 + b1 + c1 + d1 + e1 + f1 + g1
Ratio4: a1 / a1 + e1 + f1 + g1
Ratio5: a1 / a1 + d1

Table 13: Variation in Monoaromatic Sterane Distribution for Well NOCS 7119/12-2

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Sample
1213.00	Sh/Clst	0.30	0.29	0.16	0.13	068-1
1498.85	S/Sst	0.33	0.33	0.18	0.17	205-1
1517.00	S/Sst	0.42	0.34	0.25	0.20	206-1
1546.00	S/Sst	0.44	0.37	0.25	0.22	207-1
1575.30	S/Sst	0.49	0.38	0.30	0.24	210-1
1587.00	Coal	0.66	0.51	0.35	0.27	212-1
1595.00	S/Sst	0.38	0.32	0.19	0.16	213-1
1615.30	S/Sst	0.60	0.51	0.40	0.28	215-1
1623.30	S/Sst	0.38	0.32	0.21	0.18	217-1
1643.40	S/Sst	0.52	0.37	0.31	0.23	218-1
1756.00	Sh/Clst	0.34	0.27	0.11	0.10	157-1

Ratio1: A1 / A1 + E1
Ratio2: B1 / B1 + E1
Ratio3: A1 / A1 + E1 + G1
Ratio4: A1+B1 / A1+B1+C1+D1+E1+F1+G1+H1+I1

Table 14: Sample Characterization of the hydrously pyrolysed sediment samples of the Troms residual Oil Project

Well: 7119/12-2

Depth (m)	Formation	Lithology	Temp (°C)	Sampno	Free HC (mg/grock) (mg/mgasph)	Pyrolysate (mg/grock) (mg/mgasph)	Tot.Pyrol (mg/grock) (mg/mgasph)	Tot.Gas (ml/grock) (ml/mgasph)
1587.00	NORDMELA	Coal	330	JC2	21.23	92.42	113.65	208
			340	JC4	25.11	179.97	205.08	206
			350	JC3	33.11	134.94	168.05	213
			360	JC5	27.73	118.03	145.76	287
1575.30 + 1595.00	NORDMELA	Sst (Asph)	310	S83	-	0.43	0.43	0
			370	S82	-	-	0.11	0
1643.40 + 1661.40	NORDMELA	Sst (Asph)	370	S92	-	0.50	0.50	0.28

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Table 15: Rock-Eval table for well 7119/12-2 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
330	NORDMELA Coal	18.37	110.13	3.24	33.99	59.52	185	5	128.5	0.14	447	008-0B
340	1587.00	1.61	68.97	4.85	14.22	57.46	120	8	70.6	0.02	453	009-0B
350		9.71	67.92	3.01	22.56	54.54	125	6	77.6	0.13	455	010-0B
360		16.87	69.21	3.75	18.46	66.81	104	6	86.1	0.20	449	004-0B

Table 16a: Weight of EOM and Chromatographic Fraction for well 7119/12-2 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	Rock Extracted (g)	EOM (mg)	Sat (mg)	Aro (mg)	Asph (mg)	NSO (mg)	HC (mg)	Non-HC (mg)	TOC(e) (%)	Sample
330		9.0	1022.9	47.6	136.8	713.9	124.6	184.4	838.5	59.52	008-0B
340	NORDMELA Coal	9.0	1845.7	266.9	127.5	1215.0	236.3	394.4	1451.3	57.46	009-0B
350	1587.00	9.0	1512.5	210.7	121.5	89.1	1091.2	332.2	1180.3	54.54	010-0B
360		9.0	1325.0	56.5	83.9	590.8	593.8	140.4	1184.6	66.81	004-0B
310	NORDMELA Sst (Asph)	14.9	6.4	0.8	0.4	1.7	3.5	1.2	5.2	-	005-0B
370	1575.30+1595.00	12.3	1.4	0.6	0.2	0.2	0.4	0.8	0.6	-	006-0B
370	NORDMELA Sst (Asph) 1643.40+1661.40	14.1	7.0	0.4	0.2	0.4	6.0	0.6	6.4	-	007-0B

Table 16b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well 7119/12-2 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
330		113655	5288	15200	79322	13844	20488	93166	008-0B
340	NORDMELA Coal	205077	29655	14166	135000	26255	43822	161255	009-0B
350	1587.00	168055	23411	13500	9900	121244	36911	131144	010-0B
360		147222	6277	9322	65644	65977	15600	131622	004-0B
310	NORDMELA Sst (Asph)	429	53	26	114	234	80	348	005-0B
370	1575.30+1595.00	113	48	16	16	32	65	48	006-0B
370	NORDMELA Sst (Asph) 1643.40+1661.40	496	28	14	28	425	42	453	007-0B

Table 16c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well 7119/12-2 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
330		190.95	8.89	25.54	133.27	23.26	34.42	156.53	008-0B
340	NORDMELA Coal	356.91	51.61	24.65	234.95	45.69	76.27	280.64	009-0B
350	1587.00	308.13	42.92	24.75	18.15	222.30	67.68	240.46	010-0B
360		220.36	9.40	13.95	98.26	98.75	23.35	197.01	004-0B
310	NORDMELA Sst (Asph)	-	-	-	-	-	-	-	005-0B
370	1575.30+1595.00	-	-	-	-	-	-	-	006-0B
370	NORDMELA Sst (Asph) 1643.40+1661.40	-	-	-	-	-	-	-	007-0B

Table 16d: Composition of material extracted from the rock (%) for well 7119/12-2 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	Sat/EOM	Aro/EOM	Asph/EOM	NSO/EOM	HC/EOM	Non-HC/EOM	Sat/Aro	HC/Non-HC	Sample
330		4.65	13.37	69.79	12.18	18.03	81.97	34.80	21.99	008-0B
340	NORDMELA Coal 1587.00	14.46	6.91	65.83	12.80	21.37	78.63	209.33	27.18	009-0B
350		13.93	8.03	5.89	72.15	21.96	78.04	173.42	28.15	010-0B
360		4.26	6.33	44.59	44.82	10.60	89.40	67.34	11.85	004-0B
310	NORDMELA Sst (Asph) 1575.30+1595.00	12.50	6.25	26.56	54.69	18.75	81.25	200.00	23.08	005-0B
370		42.86	14.29	14.29	28.57	57.14	42.86	300.00	133.33	006-0B
370	NORDMELA Sst (Asph) 1643.40+1661.40	5.71	2.86	5.71	85.71	8.57	91.43	200.00	9.38	007-0B

Table 17: Saturated Hydrocarbon Ratios for well 7119/12-2 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	Pristane / nC17	Pristane / Phytane	Pristane + Phytane / nC17 + nC18	Phytane / nC18	CPI	Sample
330		0.55	3.19	0.37	0.18	1.02	008-0B
340	NORDMELA Coal 1587.00	0.42	3.24	0.26	0.12	1.05	009-0B
350		0.30	2.81	0.19	0.10	1.07	010-0B
360		0.40	2.75	0.27	0.15	1.09	004-0B
310	NORDMELA Sst (Asph) 1575.30+1595.00	0.34	1.55	0.28	0.21	0.96	005-0B
370		0.68	1.27	0.57	0.47	1.25	006-0B
370	NORDMELA Sst (Asph) 1643.40+1661.40	0.45	1.00	0.33	0.26	0.96	007-0B

Table 18: Aromatic Hydrocarbon Ratios for well 7119/12-2 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	DBT/P	4/1MDBT	(3+2)/1MDBT	Sample
330		1.26	2.97	0.17	0.90	0.70	0.71	-	8.18	2.52	008-0B
340	NORDMELA Coal 1587.00	1.34	2.79	0.17	0.91	0.73	0.73	0.33	8.06	2.51	009-0B
350		0.79	2.21	0.10	0.93	0.76	0.78	0.32	5.10	2.18	010-0B
360		1.39	2.94	0.18	0.96	0.74	0.76	0.30	7.35	2.32	004-0B
310	NORDMELA Sst (Asph) 1575.30+1595.00	-	-	-	0.88	0.79	0.69	0.73	3.44	2.24	005-0B
370		-	-	-	-	-	-	-	-	-	006-0B
370	NORDMELA Sst (Asph) 1643.40+1661.40	-	-	-	0.96	0.99	0.99	-	1.46	1.39	007-0B

Table 19: Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well 7119/12-2 HYPY

Depth unit of measure: m

Temp (° C)	Lithology	C1	C2–C5	C6–C14	C15+	S2 from Rock-Eval	Sample
330	NORDMELA Coal 1587.00	11.14	15.49	29.96	43.41	110.13	008–0B
340		14.92	17.48	32.87	34.73	68.97	009–0B
350		0.19	13.29	44.04	42.48	67.92	010–0B
360		1.26	10.07	36.51	52.17	70.48	004–0B

Table 20 Variation in Triterpane Distribution for Well 7119/12-2 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	B/A	B/B+A	B B+E+F	C/E	C/C+E	X/E	Z/E	Z/C	Z/Z+E	Q/E	E/E+F	C+D C+D+E+F	D+F/C+E	J1 J1+J2%	Sample
330		13.67	0.93	0.23	0.72	0.42	-	-	-	-	-	0.66	0.40	0.48	46.88	001-0
340	NORDMELA Coal	15.67	0.94	0.26	0.90	0.47	-	-	-	-	-	0.69	0.44	0.37	48.28	002-0
350	1587.00	10.70	0.91	0.30	1.07	0.52	-	-	-	-	-	0.68	0.48	0.37	50.00	003-0
360		13.25	0.93	0.31	1.10	0.52	-	-	-	-	-	0.68	0.49	0.37	50.00	004-0
310	NORDMELA Sst (Asph)	1.75	0.64	0.20	0.71	0.41	0.07	0.05	0.08	0.05	0.08	0.84	0.42	0.19	56.76	005-0
370	1575.30 + 1595.00	1.14	0.53	0.11	0.52	0.34	0.07	0.05	0.10	0.05	0.05	0.88	0.34	0.14	58.90	006-0
370	NORDMELA Sst (Asph) 1643.40 + 1661.40	3.95	0.80	0.29	1.11	0.53	0.03	0.40	0.36	0.29	0.10	0.78	0.52	0.26	50.82	007-0

Table 21: Variation in Sterane Distribution for Well 7119/12-2 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Sample
330		0.53	31.50	49.40	0.41	0.61	0.21	0.19	001-0
340	NORDMELA Coal	0.59	43.84	54.09	0.44	0.57	0.31	0.29	002-0
350	1587.00	0.63	51.79	57.58	0.58	0.57	0.52	0.48	003-0
360		0.59	47.06	63.04	0.51	0.64	0.45	0.42	004-0
310	NORDMELA Sst (Asph)	0.52	27.62	70.18	0.62	0.81	0.21	0.18	005-0
370	1575.30 + 1595.00	0.49	47.11	68.16	0.61	0.69	0.08	0.07	006-0
370	NORDMELA Sst (Asph) 1643.40 + 1661.40	0.43	36.84	57.40	0.86	0.65	0.41	0.35	007-0

Ratio1: a / a + j
Ratio2: q / q + t * 100%
Ratio3: 2(r + s)/(q + t + 2(r + s)) * 100%
Ratio4: a + b + c + d / h + k + l + n

Ratio5: r + s / r + s + q
Ratio6: u + v / u + v + q + r + s + t
Ratio7: u + v / u + v + i + m + n + q + r + s + t

Table 22: Aromatisation of Steranes for Well 7119/12-2 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	Ratio1	Ratio2	Sample
330		-	1.00	008-0
340	NORDMELA Coal	-	1.00	009-0
350	1587.00	-	-	010-0
360		-	-	004-0
310	NORDMELA Sst (Asph)	0.83	0.36	005-0
370	1575.30 + 1595.00	0.68	0.75	006-0
370	NORDMELA Sst (Asph) 1643.40 + 1661.40	0.91	0.17	007-0

$$\text{Ratio1:} \quad \frac{C1+D1+E1+F1+G1+H1+I1}{C1+D1+E1+F1+G1+H1+I1 + c1+d1+e1+f1+g1}$$

Ratio2: $g1 / g1 + I1$

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Table 23: Variation in Triaromatic Sterane Distribution for Well 7119/12-2 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Sample
330		0.67	0.99	0.97	0.44	0.73	008-0
340	NORDMELA Coal	0.76	0.68	0.58	0.52	0.82	009-0
350	1587.00	1.00	1.00	1.00	1.00	1.00	010-0
360		1.00	1.00	1.00	1.00	1.00	004-0
310	NORDMELA Sst (Asph)	0.79	0.65	0.56	0.60	0.74	005-0
370	1575.30 + 1595.00	-	-	-	-	-	006-0
370	NORDMELA Sst (Asph) 1643.40 + 1661.40	0.77	0.70	0.45	0.50	0.59	007-0

Ratio1: a1 / a1 + g1
Ratio2: b1 / b1 + g1
Ratio3: a1 + b1 / a1 + b1 + c1 + d1 + e1 + f1 + g1
Ratio4: a1 / a1 + e1 + f1 + g1
Ratio5: a1 / a1 + d1