

INTRODUCTION

This well is from the Norwegian sector of the Tromsøflaket in the Barents Sea and within the area of the Askeladden field.

A total of 297 samples was collected from the Norwegian Petroleum Directorate in Stavanger. All the samples were washed and described (1649 - 2609 m RKB) The analysed interval is from 1649 - 2609 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 analyses. One hundred and six (106) samples were selected for these analyses and from the data obtained from the analysis a number of samples were chosen for further analysis as follows:

Thermal extraction - pyrolysis - gas chromatography	27 samples
Extraction, MPLC fractionation, saturated and aromatic hydrocarbon gas chromatography	21 samples
Vitrinite reflectance microscopy	17 samples
Visual kerogen analysis	15 samples
Gas chromatography - mass spectrometry	13 samples
Hydrous pyrolysis	2 samples

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
1652.00				001
	1.36	95 Sh/Clst: drk gy to m drk gy, calc 5 Ca : brn gy to brn blk, dol tr Other : pyr		001-1 001-2 001-3
1655.00				002
		70 Cont : cem 30 Sh/Clst: drk gy to m drk gy, calc tr Ca : brn gy to brn blk, dol tr Ca : lt brn gy		002-3 002-1 002-2 002-4
1661.00				004
	1.25	95 Sh/Clst: drk gy to m drk gy, calc 5 Ca : brn gy to brn blk, dol tr Cont : cem, prp, fib tr Ca : w to lt ol gy		004-1 004-2 004-3 004-4
1664.00				005
		50 Sh/Clst: drk gy to m drk gy, calc 50 Cont : cem tr Ca : brn gy to brn blk, dol tr Ca : lt brn gy tr Other : pyr		005-1 005-3 005-2 005-4 005-5
1667.00				006
		95 Sh/Clst: drk gy to m drk gy, calc 5 Ca : m drk gy tr Ca : brn gy to brn blk, dol tr Cont : fib tr Other : pyr		006-1 006-4 006-2 006-3 006-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int	Cvd	TOC%	%	Lithology description
1670.00				007
			90	Sh/Clst: drk gy to m drk gy, calc
			5	Ca : brn gy to brn blk, dol
			5	Ca : m gy to m drk gy
			tr	Cont : cem, fib
			tr	Other : pyr
1673.00				008
	1.33		90	Sh/Clst: drk gy to m drk gy, calc
			5	Ca : brn gy to brn blk, dol
			5	Ca : m gy to m drk gy
			tr	Cont : cem, fib
			tr	Other : pyr
1676.00				009
			90	Sh/Clst: drk gy to m drk gy, calc
			5	Ca : brn gy to brn blk, dol
			5	Ca : m gy to m drk gy
			tr	Cont : cem, fib
			tr	Other : pyr
1679.00				010
			90	Sh/Clst: drk gy to m drk gy, calc
			5	Ca : brn gy to brn blk, dol
			5	Ca : m gy to m drk gy
			tr	Cont : cem, fib
			tr	Other : pyr
1682.00				011
	1.35		90	Sh/Clst: drk gy to m drk gy, calc, slt
			5	Ca : brn gy to brn blk, dol
			5	Ca : lt gy to m drk gy
			tr	Cont : fib
			tr	Other : pyr

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		
Lithology description				
1685.00				012
		90 Sh/Clst:		012-1
		5 Ca : brn gy to brn blk, dol		012-2
		5 Ca : m gy to m drk gy		012-4
		tr Cont : fib		012-3
		tr Other : pyr		012-5
1688.00				013
		95 Sh/Clst:		013-1
		5 Ca : w to m drk gy		013-4
		tr Ca : brn gy to brn blk, dol		013-2
		tr Cont : cem		013-3
		tr Other : pyr		013-5
1691.00				014
	1.18	95 Sh/Clst:		014-1
		5 Ca : w to m drk gy, brn gy		014-3
		tr Ca : brn gy to brn blk		014-2
		tr Other : pyr		014-4
1694.00				015
int		95 Sh/Clst:		015-1
		5 Ca : brn gy to brn blk, dol		015-2
		tr Cont : cem, fib		015-3
1697.00				016
	cvd	100 Sh/Clst:		016-1
		tr Ca : w to brn gy		016-2
		tr Cont : cem		016-3

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
1700.00				017
		85 Sh/Clst: drk gy to m drk gy, mic		017-1
		10 Ca : dsk brn y, dol		017-2
		5 Ca : m gy to m drk gy, brn gy		017-3
		tr Other : pyr		017-4
1703.00				018
	0.49	80 Sh/Clst: drk gy to m drk gy, mic		018-1
		10 Ca : dsk brn y, dol		018-2
		10 Ca : m gy to m drk gy, brn gy		018-3
		tr Other : pyr		018-4
1706.00				019
		90 Sh/Clst: drk gy to m drk gy, slt, mic		019-1
		5 Ca : dsk brn y, dol		019-2
		5 Ca : m gy to m drk gy, brn gy		019-3
		tr Other : pyr		019-4
1709.00				020
		90 Sh/Clst: drk gy to m drk gy, slt, mic		020-1
		5 Ca : dsk brn y, dol		020-2
		5 Ca : m gy to m drk gy, brn gy		020-3
		tr Other : pyr		020-4
1712.00				021
	1.47	75 Sh/Clst: drk gy to m drk gy, slt, mic		021-1
		20 Ca : m gy to dsk y brn, dol		021-2
		5 Ca : m gy to m drk gy, brn gy		021-3

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample	
Int	Cvd	TOC%	%	Lithology description	
1715.00				022	
			80	Sh/Clst: drk gy to m drk gy, slt, mic	022-1
			10	Ca : m gy to dsk y brn, dol	022-2
			10	Ca : w to m drk gy	022-3
			tr	Other : pyr	022-4
1718.00				023	
	1.65		80	Sh/Clst: drk gy to m drk gy, calc, slt, mic	023-1
			10	Ca : dsk y brn, dol	023-2
			10	Ca : m gy to m drk gy	023-3
			tr	Other : pyr	023-4
1721.00				024	
			50	Sh/Clst: drk gy to m drk gy, calc, slt, mic	024-1
			50	Cont : cem, prp	024-2
1724.00				025	
			90	Sh/Clst: drk gy to m drk gy, calc, slt, mic	025-1
			10	Ca : w to m drk gy, slt	025-2
			tr	Ca : brn gy to dsk y brn, dol	025-3
1727.00				026	
			90	Sltst : ol gy to m drk gy, calc, carb, pyr, mic	026-1
			5	Sh/Clst: drk gy, mic	026-2
			5	Ca : lt ol gy to drk y brn	026-4
			tr	Other : pyr	026-3
			tr	Cont : cem, prp, fib	026-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		

1730.00				027
		90 Sh/Clst:	drk gy to m drk gy, calc, slt, mic	027-3
	0.46	10 Ca	: y gy to m gy, pyr, slt, glauc	027-1
		tr Ca	: brn gy to dsk y brn, dol	027-2
		tr Other	: pyr	027-4
1733.00				028
		85 Sh/Clst:	drk gy to m drk gy, calc, slt, mic	028-3
		15 Ca	: y gy to m gy to m y brn, carb, slt, glauc	028-1
		tr Ca	: brn gy to dsk y brn, dol	028-2
		tr Other	: pyr	028-4
1736.00				029
		85 Sh/Clst:	drk gy to m drk gy, calc, slt, mic	029-3
		10 Ca	: y gy to m gy to m y brn, carb, slt, glauc	029-1
		5 Ca	: brn gy to dsk y brn, dol	029-2
		tr Other	: pyr	029-4
1745.00				030
	2.23	90 Sh/Clst:	drk gy to m drk gy, calc, slt, mic	030-1
		5 Ca	: y gy to m gy to m y brn, carb, slt, glauc	030-2
		5 Ca	: brn gy to dsk y brn, dol	030-3
1748.00				031
		95 Sh/Clst:	drk gy to m drk gy, calc	031-1
		5 Ca	: lt ol gy to drk gy, drk y brn to dsk y brn, carb, s, mic, dol	031-2
		tr Other	: pyr	031-3

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		

Lithology description				

1751.00				032
		50	Sh/Clst: brn gy to ol gy, calc, slt, mic, fis	032-3
		45	Sh/Clst: drk gy to m drk gy, calc	032-1
	2.81	5	Ca : lt ol gy to drk gy, drk y brn to dsk y brn, carb, s, mic, dol	032-2
		tr	Ca : lt ol gy to m gy	032-4
1754.00				033
		50	Sh/Clst: brn gy to ol gy, calc, slt, mic, fis	033-3
		45	Sh/Clst: drk gy to m drk gy, calc	033-1
		5	Ca : lt ol gy to drk gy, drk y brn to dsk y brn, carb, s, mic, dol	033-2
		tr	Ca : lt ol gy to m gy	033-4
1757.00				034
		70	Sh/Clst: brn gy to ol gy, calc, slt, mic, fis	034-3
		25	Sh/Clst: drk gy to m drk gy, calc	034-1
		5	Ca : drk y brn to dsk y brn, dol	034-2
		tr	Ca : drk gy to drk y brn	034-4
1760.00				035
	1.70	70	Sh/Clst: drk gy	035-1
		30	Sh/Clst: brn gy to ol gy, calc, slt, mic, fis	035-3
		tr	Ca : drk y brn to dsk y brn, dol	035-2
		tr	Ca : drk y brn to m drk gy	035-4
		tr	Other : pyr	035-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample		
Int	Cvd	TOC%	%	Lithology description		
1763.00						036
				70 Sh/Clst: drk gy to m drk gy, mic		036-1
				30 Sh/Clst: brn gy to ol gy, calc, slt, mic, fis		036-3
				tr Ca : drk y brn to dsk y brn, dol		036-2
				tr Ca : lt ol gy		036-4
				tr Other : pyr		036-5
1766.00						037
				90 Sh/Clst: drk gy to m drk gy, mic		037-1
				10 Sh/Clst: brn gy to ol gy, calc, slt, mic, fis		037-2
				tr Ca : drk y brn		037-3
				tr Other : pyr		037-4
1769.00						038
	1.71			80 Sh/Clst: drk gy to m drk gy, pyr, mic		038-1
				20 Sh/Clst: brn gy to ol gy, calc, slt, mic, fis		038-2
				tr Ca : drk y brn, carb, mic		038-3
				tr Other : pyr		038-4
1772.00						039
				95 Sh/Clst: drk gy to m drk gy, slt, mic		039-1
				5 Ca : drk y brn to dsk y brn, carb, mic, dol		039-2
				tr Other : pyr		039-3
1775.00						040
				100 Sh/Clst: drk gy to m drk gy, pyr, slt, mic		040-1
				tr Ca : lt gy to dsk y brn, carb, mic, dol		040-2
				tr Other : pyr		040-3

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		
Lithology description				
1778.00				041
		100	Sh/Clst: drk gy to m drk gy, pyr, slt, mic	041-1
		tr Ca	: lt gy to dsk y brn, carb, mic, dol	041-2
		tr Other	: pyr	041-3
1781.00				042
	2.11	95	Sh/Clst: drk gy to m drk gy, pyr, slt, mic	042-1
		5	Ca : lt gy to dsk y brn, carb, mic, dol	042-2
		tr Other	: pyr	042-3
1784.00				043
		50	Sh/Clst: drk gy to m drk gy, pyr, slt, mic	043-1
		50	Cont : cem, prp, fib	043-2
1787.00				044
		85	Sh/Clst: drk gy to m drk gy, pyr, slt, mic	044-1
		10	Ca : drk y brn to dsk y brn, carb, mic, dol	044-4
		5	S/Sst : ol gy, calc, carb, mic	044-3
		tr Cont	: cem, prp, fib	044-2
1790.00				045
		80	Sltst : ol gy to m drk gy, calc, carb, pyr, mic	045-1
		10	Sh/Clst: m drk gy, mic	045-2
		10	Cont : cem, prp, fib	045-4
		tr Ca	: lt ol gy to drk y brn	045-3

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample	
Int	Cvd	TOC%	%	Lithology description	
1793.00				046	
	1.65		65 Sh/Clst:	drk gy to m drk gy, slt, mic	046-3
			30 S/Sst :	ol gy, calc, carb, slt, mic	046-1
			5 Ca :	drk y brn to dsk y brn, carb, mic, dol	046-2
			tr Other :	pyr	046-4
			tr Cont :	fib	046-5
1796.00				047	
			65 Sh/Clst:	drk gy to m drk gy, slt, mic	047-3
			30 S/Sst :	ol gy, calc, carb, slt, mic	047-1
			5 Ca :	drk y brn to dsk y brn, carb, mic, dol	047-2
			tr Other :	pyr	047-4
			tr Cont :	fib	047-5
1799.00				048	
			65 Sh/Clst:	drk gy to m drk gy, slt, mic	048-3
			30 Cont :	cem, prp, fib	048-1
			5 Ca :	drk y brn to dsk y brn, carb, mic, dol	048-2
1802.00				049	
	2.17		75 Sh/Clst:	drk gy to m drk gy, slt, mic	049-3
			20 Sltst :	ol gy, carb, s, mic	049-1
			5 Ca :	drk y brn to dsk y brn, carb, mic, dol	049-2
			tr Cont :	fib	049-4
			tr Other :	pyr	049-5
1805.00				050	
			80 Sh/Clst:	drk gy to m drk gy, slt, mic	050-3
			20 Sltst :	ol gy, carb, s, mic	050-1
			tr Ca :	drk y brn to dsk y brn, carb, mic, dol	050-2
			tr Cont :	fib	050-4
			tr Other :	pyr	050-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
1808.00				051
		70 Sh/Clst: drk gy to m drk gy, slt, mic		051-3
		30 Sltst : ol gy to m drk gy, carb, slt, mic		051-1
		tr Ca : m gy to drk y brn, carb, mic		051-2
		tr Other : pyr		051-4
1811.00				052
	2.33	70 Sh/Clst: drk gy to m drk gy, pyr, slt, mic		052-2
		30 Sltst : ol gy to m drk gy, carb, s, mic		052-1
		tr Other : pyr		052-3
1814.00				053
		70 Sh/Clst: drk gy to m drk gy, pyr, slt, mic		053-2
		30 Sltst : ol gy to m drk gy, carb, s, mic		053-1
		tr Other : pyr		053-3
		tr Ca : lt gy to dsk y brn, dol		053-4
1817.00				054
		70 Sh/Clst: drk gy to m drk gy, pyr, slt, mic		054-2
		30 Sltst : ol gy to m drk gy, carb, s, mic		054-1
		tr Other : pyr		054-3
		tr Ca : lt gy to dsk y brn, dol		054-4
1820.00				055
	2.02	60 Sh/Clst: drk gy to m drk gy, pyr, slt, mic		055-3
		35 Sltst : ol gy to m drk gy, carb, mic		055-2
		5 Other : pyr		055-1
		tr Ca : lt ol gy to m gy, s		055-4
		tr Cont : fib		055-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		

Lithology description				

1826.00				056
		70 Cont	: cem, prp, fib	056-1
		30 Sh/Clst:	drk gy to m drk gy, pyr, slt, mic	056-2
		tr Ca	: drk y brn	056-3
1829.00				057
	2.67	50 Cont	: cem, prp, fib	057-1
		50 Sh/Clst:	drk gy, calc, mic	057-2
		tr Ca	: drk y brn	057-3
1832.00				058
		50 Cont	: cem, prp, fib	058-3
		40 Sh/Clst:	drk gy to m drk gy, calc, mic	058-2
		10 Sltst	: ol gy to m drk gy, carb, mic	058-1
1835.00				059
		50 Cont	: cem, prp, fib	059-3
		30 Sh/Clst:	drk gy to m drk gy, calc, mic	059-2
		20 Sltst	: ol gy to m drk gy, carb, mic	059-1
		tr Ca	: drk y brn to dsk y brn	059-4
1838.00				060
		60 Sltst	: ol gy to m drk gy, calc, carb, mic	060-1
		30 Cont	: cem, prp, fib	060-3
		10 Sh/Clst:	drk gy to m drk gy, calc, mic	060-2
		tr Ca	: drk y brn	060-4
		tr Other	: pyr	060-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
1841.00				061
	2.23	90 Sltst : ol gy to m drk gy, calc, carb, pyr, mic		061-1
		5 Sh/Clst: drk gy, mic		061-2
		5 Ca : lt ol gy to drk y brn		061-3
		tr Cont : cem, prp, fib		061-4
		tr Other : pyr		061-5
1844.00				062
		80 Sltst : ol gy to m drk gy, calc, carb, pyr, mic		062-1
		10 Sh/Clst: m drk gy, mic		062-2
		10 Cont : cem, prp, fib		062-4
		tr Ca : lt ol gy to drk y brn		062-3
1847.00				063
		80 Sltst : ol gy to m drk gy, calc, carb, pyr, mic		063-1
		10 Sh/Clst: drk gy		063-2
		10 Cont : cem, prp, fib		063-4
		tr Ca : lt ol gy to drk y brn		063-3
1850.00				064
		100 Cont : prp, dd		064-1
1853.00				065
		50 Sh/Clst: m drk gy to drk gy, slt, mic		065-1
		50 Sltst : ol gy to m drk gy, calc, carb, pyr, mic		065-2
		tr Ca : lt ol gy to drk y brn		065-3
		tr Cont : cem, prp, fib		065-4

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
1856.00				066
		50 Cont : cem, prp, fib		066-3
		45 Sltst : ol gy to m drk gy, calc, carb, pyr, mic		066-2
		5 Sh/Clst: m drk gy to drk gy, mic		066-1
1859.00				067
		50 Cont : cem, prp, fib		067-3
	2.22	40 Sltst : ol gy to m drk gy, calc, carb, pyr, mic		067-2
		10 Sh/Clst: drk gy to m drk gy, slt, mic		067-1
1862.00				068
		50 Sh/Clst: ol gy to m drk gy, calc, carb, slt, mic		068-2
		40 Cont : cem, prp, fib		068-3
		10 Sh/Clst: drk gy to m drk gy, mic		068-1
		tr Ca : y gy to drk y brn		068-4
1865.00				069
		45 Sh/Clst: drk gy to m drk gy, calc, slt, mic		069-1
		45 Sltst : ol gy to m drk gy, calc, carb, mic		069-2
		10 Cont : cem, prp, fib		069-3
		tr Ca : drk y brn to drk y brn		069-4
1868.00				070
		100 Cont : cem, prp, fib		070-1

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
1871.00				071
	2.70	50 Cont : cem, prp, fib		071-1
		40 Sh/Clst: drk gy to m drk gy, calc, slt, mic		071-2
		10 Sltst : ol gy to m drk gy, calc, carb, mic		071-3
		tr Ca : drk y brn to dsk y brn		071-4
1874.00				072
		50 Sh/Clst: drk gy to m drk gy, calc, slt, mic		072-2
		30 Cont : cem, prp, fib		072-1
		20 Sltst : ol gy to m drk gy, calc, carb, mic		072-3
		tr Ca : drk y brn to dsk y brn		072-4
		tr Other : pyr		072-5
1877.00				073
		100 Cont : prp, dd		073-1
1880.00				074
	2.59	70 Sltst : ol gy to m drk gy, calc, carb, mic		074-1
		20 Cont : cem, prp, fib		074-2
		10 Sh/Clst: drk gy to m drk gy, calc, slt, mic		074-3
		tr Ca : drk y brn to dsk y brn		074-4
1883.00				075
		70 Sltst : ol gy to m drk gy, calc, carb, mic		075-1
		20 Cont : cem, prp, fib		075-2
		10 Sh/Clst: drk gy to m drk gy, calc, slt, mic		075-3
		tr Ca : drk y brn to dsk y brn		075-4

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample	
Int	Cvd	TOC%	%	Lithology description	
1886.00				076	
			70	Sltst : ol gy to m drk gy, calc, carb, mic	076-1
			20	Sh/Clst: drk gy to m drk gy, calc, pyr, slt, mic	076-2
			10	Ca : y gy, drk y brn to dsk y brn	076-3
1889.00				077	
			50	Sh/Clst: m drk gy, calc, slt, mic	077-2
			30	Cont : dd, fib	077-4
			20	Sltst : ol gy to m drk gy, calc, carb, mic	077-1
			tr	Ca : drk y brn	077-3
1892.00				078	
			50	Sltst : ol gy to m drk gy, calc, carb, mic	078-1
	1.53		30	S/Sst : lt ol gy, carb, mic	078-4
			20	Sh/Clst: drk gy to m drk gy, calc, slt, mic	078-2
			tr	Ca : drk y brn to dsk y brn, dol	078-3
1895.00				079	
			50	Sltst : ol gy to m drk gy, calc, carb, s, mic	079-1
			30	Sh/Clst: drk gy to m drk gy, calc, slt, mic	079-2
			20	Ca : drk y brn to dsk y brn, carb, s, dol	079-3
			tr	Cont : prp, dd, fib	079-4

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type	Trb	Sample
Int Cvd	TOC%	%	Lithology description
1898.00			080
		50 Sltst	: ol gy to m drk gy, calc, carb, s, mic 080-1
		30 Sh/Clst:	drk gy to m drk gy, calc, slt, mic 080-2
		20 Ca	: drk y brn to dsk y brn, carb, s, dol 080-3
		tr Cont	: prp, dd, fib 080-4
1901.00			081
		100 Cont	: prp, dd, fib 081-1
1904.00			082
	2.92	80 Sltst	: ol gy to m drk gy, calc, carb, s, mic 082-3
		10 Ca	: drk y brn to dsk y brn, carb, s, dol 082-1
		10 Sh/Clst:	drk gy to m drk gy, calc, slt, mic 082-2
1907.00			083
		100 Cont	: prp, dd, fib 083-1
1910.00			084
		80 Sltst	: ol gy to m drk gy, calc, carb, s, mic 084-1
		10 Sh/Clst:	drk gy to m drk gy, calc, slt, mic 084-2
		10 Ca	: drk y brn to dsk y brn, carb, s, dol 084-3

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type	Trb	Sample
Int Cvd	TOC%	%	Lithology description
1913.00			085
	2.84	65	Sltst : ol gy to m drk gy, calc, carb, s, mic 085-1
		30	Sh/Clst: drk gy to m drk gy, calc, slt, mic 085-2
		5	Ca : drk y brn to dsk y brn, carb, s, dol 085-3
		tr	Other : pyr 085-4
1916.00			086
		50	Sltst : ol gy to m drk gy, calc, carb, s, mic 086-1
		40	Sh/Clst: drk gy to m drk gy, calc, slt, mic 086-2
		10	Ca : drk y brn to dsk y brn, carb, s, dol 086-3
		tr	Other : pyr 086-4
		tr	Cont : prp, dd, fib 086-5
1919.00			087
		50	Sltst : ol gy, calc, carb, s, mic, glauc 087-1
		30	Sh/Clst: drk gy to m drk gy, calc, slt, mic 087-2
		20	Ca : drk y brn to dsk y brn, carb, s, dol 087-3
		tr	Cont : prp, dd, fib 087-4
1922.00			088
		40	Sltst : ol gy, calc, carb, s, mic, glauc 088-1
		30	Sh/Clst: ol blk 088-2
		30	Ca : w to dsk y brn, carb, mic, dol 088-3
		tr	Cont : prp, dd, fib 088-4
		tr	Other : pyr 088-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
1925.00				089
	3.03	50 Sh/Clst: ol blk		089-2
		30 Sltst : ol gy, calc, carb, s, mic, glauc		089-1
		20 Ca : drk y brn to dsk y brn, carb, mic, dol		089-3
		tr Cont : prp, fib		089-4
		tr Other : pyr		089-5
1928.00				090
		40 Sh/Clst: drk gy		090-8
		20 Cont : prp, dd, fib		090-5
		20 Ca : drk y brn to dsk y brn, carb, mic, dol		090-6
		20 Sltst : ol gy, calc, carb, s, mic, glauc		090-7
1931.00				091
		70 Ca : drk y brn to dsk y brn, carb, mic, dol		091-2
		30 Sh/Clst: drk gy		091-1
		tr Cont : prp, dd, fib		091-3
		tr Other : pyr		091-4
1934.00				092
	0.64	70 Ca : drk y brn to dsk y brn, carb, mic, dol		092-1
		30 Sh/Clst: drk gy		092-2
		tr Cont : prp, dd, fib		092-3
		tr Other : pyr		092-4
1937.00				093
		50 Sh/Clst: drk gy		093-2
		40 Ca : drk y brn to dsk y brn, carb, s, dol		093-1
		10 Cont : prp, dd, fib		093-3

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample	
Int	Cvd	TOC%	%	Lithology description	
1940.00				094	
			50 Sh/Clst:	drk gy	094-2
			40 Ca	: drk y brn to dsk y brn, carb, s, dol	094-1
			10 Cont	: prp, dd, fib	094-3
1943.00				095	
	5.42		50 Sh/Clst:	ol blk, carb, mic, st	095-2
			40 Ca	: drk y brn to dsk y brn, dol	095-1
			10 Sltst	: ol gy to m drk gy, calc, carb, s, mic	095-3
			tr Other	: pyr	095-4
1946.00				096	
			80 Sh/Clst:	ol blk, carb, mic	096-2
			10 Ca	: drk y brn to dsk y brn, dol	096-1
			10 Cont	: prp, dd, fib	096-3
1949.00				097	
			80 Sh/Clst:	ol blk, carb, mic	097-1
			10 Cont	: prp, dd, fib	097-2
			5 Sltst	: ol gy, calc, carb, s, mic, glauc	097-3
			5 Ca	: w to dsk y brn, dol	097-4
			tr Other	: pyr	097-5
1952.00				098	
	5.03		50 Sh/Clst:	ol blk, carb, mic	098-1
			40 Ca	: w to dsk y brn, dol	098-3
			10 Cont	: prp, dd, fib	098-2
			tr Other	: pyr	098-4

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
1955.00				099
		50 Sh/Clst: ol blk, carb, mic		099-1
		40 Ca : w to drk y brn, dol		099-3
		10 Sltst : ol gy, calc, carb, s, mic		099-4
		tr Cont : prp, fib		099-2
1958.00				100
		70 Sh/Clst: ol blk, carb, mic		100-1
		30 Ca : lt gy to dsk y brn, dol		100-3
		tr Cont : dd, fib		100-2
		tr Sltst : ol gy, calc, carb, s, mic		100-4
1961.00				101
		80 Cont : cem		101-2
		20 Sh/Clst: ol blk to drk gy, carb, mic		101-1
1964.00				102
	3.44	90 Sh/Clst: ol blk, calc, carb, slt, mic		102-1
		5 Ca : brn gy to dsk y brn, dol		102-2
cvd		5 Sltst : ol gy to m drk gy, calc, carb, s, mic		102-3
1967.00				103
		40 Sh/Clst: drk gy to m drk gy, mic		103-4
		20 Sh/Clst: brn blk, calc, carb		103-1
		20 Sh/Clst: gy red, calc, mic		103-5
		10 Cont : prp, dd		103-6
		5 Ca : w to dsk y brn, dol		103-2
		5 Sh/Clst: brn gy, dol		103-3
		tr Other : pyr		103-7

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int	Cvd	TOC%	%	Lithology description
1970.00				104
				40 Sh/Clst: drk gy to m drk gy, mic 104-4
				20 Sh/Clst: brn blk, calc, carb 104-1
				20 Sh/Clst: gy red, calc, mic 104-5
				10 Cont : prp, dd 104-6
				5 Ca : w to dsk y brn, dol 104-2
				5 Sh/Clst: brn gy, dol 104-3
				tr Other : pyr 104-7
1973.00				105
	4.00			40 Sh/Clst: brn blk, calc, carb 105-1
	2.02			30 Sh/Clst: drk gy to m drk gy, mic 105-4
	0.13			20 Sh/Clst: gy red, calc, mic 105-2
				10 Ca : w to dsk y brn, dol 105-3
				tr Sh/Clst: brn gy, dol 105-5
1976.00				106
				50 Sh/Clst: brn blk, calc, carb 106-1
				35 Sh/Clst: drk gy to m drk gy, mic 106-4
				5 Sh/Clst: gy red, calc, mic 106-2
				5 Ca : w to dsk y brn, dol 106-3
				5 Sltst : brn gy, dol 106-5
				tr Cont : prp, dd 106-6
				tr Other : pyr 106-7
1979.00				107
				30 Sh/Clst: brn blk, calc, carb 107-1
				30 Sh/Clst: gy red, calc, mic 107-2
				20 Sh/Clst: drk gy to m drk gy, mic 107-4
				20 Sh/Clst: brn gy to ol gy, dol 107-5
				tr Ca : w to drk y brn 107-3
				tr Cont : prp, dd, fib 107-6

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int	Cvd	TOC%	%	Lithology description
1982.00				108
			20	Sh/Clst: brn blk, calc, carb 108-1
			20	Sh/Clst: gy red, calc, mic 108-2
			20	Ca : w to y gy 108-3
			20	Sh/Clst: ol gy to m drk gy, calc, mic 108-4
			20	Sltst : brn gy to ol gy 108-5
1985.00				109
	0.09		40	Ca : w to lt gy, pyr 109-3
			20	Sh/Clst: brn blk, calc, carb 109-1
			20	Sh/Clst: gy red, calc, mic 109-2
			20	Sltst : brn gy to ol gy, dol 109-4
			tr	Cont : fib 109-5
			tr	Other : pyr 109-6
1988.00				110
			50	Ca : w to ol gy, pyr 110-3
			20	Sh/Clst: brn blk, calc, carb 110-1
			20	Sh/Clst: gy red, calc, mic 110-2
			10	Sltst : brn gy to ol gy, dol 110-4
			tr	Other : pyr 110-5
1991.00				111
			40	Ca : w to lt gy 111-3
			20	Sh/Clst: brn blk, calc, carb 111-1
			20	Sh/Clst: gy red, calc, mic 111-2
			20	Sltst : brn gy to ol gy, dol 111-4
			tr	Other : pyr 111-5
			tr	Cont : prp, fib 111-6
1994.00				112
	2.85		70	Sh/Clst: brn blk, calc, carb, slt 112-1
			20	Ca : w to lt gy 112-3
			10	Sh/Clst: gy red, calc, mic 112-2

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
1997.00				113
		80 Sh/Clst: brn blk, calc, carb, slt		113-1
		15 Ca : w to lt gy		113-3
		5 Sh/Clst: gy red, calc, mic		113-2
		tr Sltst : brn gy to ol gy, calc		113-4
		tr Cont : prp, dd		113-5
2000.00				114
		80 Sh/Clst: brn blk, calc, carb, slt		114-1
		15 Ca : w to lt gy		114-3
		5 Sh/Clst: gy red, calc, mic		114-2
		tr Sltst : brn gy to ol gy, calc		114-4
		tr Cont : prp, dd		114-5
2003.00				115
		90 Sh/Clst: brn blk, calc, carb, mic		115-1
		5 Sh/Clst: gy red, calc, mic		115-2
		5 Ca : w to lt gy, pyr		115-3
2006.00				116
	3.41	90 Sh/Clst: brn blk, calc, carb, mic		116-1
		5 Sh/Clst: gy red, calc, mic		116-2
		5 Ca : w to dsk y brn, pyr, dol		116-3
		tr Other : pyr		116-4
2009.00				117
		90 Sh/Clst: brn blk, calc, carb, mic		117-1
		5 Sh/Clst: gy red, calc, mic		117-2
		5 Ca : w to dsk y brn, pyr, dol		117-3
		tr Other : pyr		117-4

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
2012.00				118
	3.62	90 Sh/Clst: brn blk, calc, carb, mic		118-1
		5 Sh/Clst: gy red, calc, mic		118-2
		5 Ca : w to dsk y brn, pyr, dol		118-3
		tr Other : pyr		118-4
2015.00				119
		90 Sh/Clst: brn blk, calc, carb, mic		119-1
		5 Sh/Clst: gy red, calc, mic		119-2
		5 Ca : w to dsk y brn, pyr, dol		119-3
		tr Other : pyr		119-4
2018.00				120
	3.89	90 Sh/Clst: brn blk, calc, carb, mic		120-1
		5 Sh/Clst: gy red, calc, mic		120-2
		5 Ca : w to dsk y brn, pyr, dol		120-3
		tr Other : pyr		120-4
2021.00				121
		90 Sh/Clst: brn blk, calc, carb, mic		121-1
		5 Sh/Clst: gy red, calc, mic		121-2
		5 Ca : w to dsk y brn, pyr, dol		121-3
		tr Other : pyr		121-4
2024.00				122
	4.02	100 Sh/Clst: brn blk, calc, carb, mic		122-1
		tr Sh/Clst: gy red, calc, mic		122-2
		tr Ca : w to dsk y brn, pyr, dol		122-3
		tr Other : pyr		122-4

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int	Cvd	TOC%	%	Lithology description
2027.00				123
		100	Sh/Clst: brn blk, calc, carb, mic	123-1
			tr Sh/Clst: gy red, calc, mic	123-2
			tr Ca : w to dsk y brn, pyr, dol	123-3
			tr Other : pyr	123-4
2030.00				124
		3.94	100 Sh/Clst: brn blk, calc, carb, mic	124-1
			tr Sh/Clst: gy red, calc, mic	124-2
			tr Ca : w to dsk y brn, pyr, dol	124-3
			tr Other : pyr	124-4
2033.00				125
		100	Sh/Clst: brn blk, calc, carb, mic	125-1
			tr Sh/Clst: gy red, calc, mic	125-2
			tr Ca : w to dsk y brn, pyr, dol	125-3
			tr Other : pyr	125-4
2036.00				126
		4.07	100 Sh/Clst: brn blk, calc, carb, mic	126-1
			tr Sh/Clst: gy red, calc, mic	126-2
			tr Ca : w to lt y gy	126-3
2039.00				127
		100	Sh/Clst: brn blk, calc, carb, mic	127-1
			tr Sh/Clst: gy red, calc, mic	127-2
			tr Ca : w to lt y gy	127-3
			tr Other : pyr	127-4

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
2042.00				128
		100 Sh/Clst: brn blk, calc, carb, mic		128-1
		tr Sh/Clst: gy red, calc, mic		128-2
		tr Ca : w to lt y gy		128-3
		tr Other : pyr		128-4
2045.00				129
	3.68	100 Sh/Clst: brn blk, calc, carb, mic		129-1
		tr Sh/Clst: gy red, calc, mic		129-2
		tr Ca : w to lt y gy		129-3
		tr Other : pyr		129-4
2048.00				130
		100 Sh/Clst: brn blk, calc, carb, mic		130-1
		tr Sh/Clst: gy red, calc, mic		130-2
		tr Ca : w to lt y gy		130-3
2051.00				131
		100 Sh/Clst: brn blk, calc, carb, mic		131-1
		tr Sh/Clst: gy red, calc, mic		131-2
		tr Ca : w to lt y gy		131-3
		tr Sltst : ol gy, calc		131-4
2054.00				132
	4.23	100 Sh/Clst: brn blk, calc, carb, mic		132-1
		tr Sh/Clst: gy red, calc, mic		132-2
		tr Ca : w to lt y gy		132-3
		tr Sltst : ol gy, calc		132-4

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
2057.00				133
		100 Sh/Clst: brn blk, calc, carb, mic		133-1
		tr Sh/Clst: gy red, calc, mic		133-2
		tr Ca : w to lt y gy		133-3
		tr Sltst : ol gy, calc		133-4
2060.00				134
		100 Sh/Clst: brn blk, calc, carb, mic		134-1
		tr Sh/Clst: gy red, calc, mic		134-2
		tr Ca : w to lt y gy		134-3
		tr Sltst : ol gy, calc		134-4
2063.00				135
	7.78	100 Sh/Clst: brn blk, calc, carb, slt, mic, fis		135-1
2066.00				136
		100 Sh/Clst: brn blk, calc, carb, slt, mic, fis		136-1
2069.00				137
		100 Sh/Clst: brn blk, calc, carb, slt, mic, fis		137-1
2072.00				138
		100 Sh/Clst: brn blk, calc, carb, slt, mic, fis		138-1

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
2075.00				139
	9.88	100 Sh/Clst: brn blk, calc, carb, mic, fis tr Sltst : ol gy, calc, mic tr Ca : w to lt ol gy		139-1 139-2 139-3
2078.00				140
		100 Sh/Clst: brn blk, calc, carb, slt, mic, fis tr Sltst : ol gy, calc, mic tr Ca : lt ol gy tr Cont : dd, fib		140-1 140-2 140-3 140-4
2081.00				141
		100 Sh/Clst: brn blk, calc, carb, slt, mic, fis tr Sltst : ol gy, calc, mic tr Ca : lt ol gy tr Cont : dd, fib		141-1 141-2 141-3 141-4
2084.00				142
		100 Cont : prp, dd		142-1
2087.00				143
		100 Cont : prp, dd		143-1
2090.00				144
		100 Cont : prp, dd		144-1

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
2093.00				145
		100 Cont : prp, dd		145-1
2096.00				146
		100 Cont : prp, dd		146-1
2099.00				147
		100 Cont : prp, dd		147-1
2102.00				148
		90 Sh/Clst: drk gy to m drk gy, calc, carb, slt, mic		148-1
		10 S/Sst : lt ol gy, calc, glauc		148-2
		tr Other : w, calc, kln		148-3
2105.00				149
		100 Cont : prp, dd		149-1
2108.00				150
	0.05	50 Sh/Clst: drk gy to m drk gy, calc, mic		150-1
		30 S/Sst : lt ol gy, calc, glauc		150-2
		20 Other : calc, kln		150-3
2111.00				151
		100 Cont : prp, dd		151-1

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type	Trb	Sample
Int Cvd	TOC%		

	%	Lithology description	

2114.00			152
	100	Cont : prp, dd	152-1
2121.25	ccp		282
	42.28	100 Coal : blk, slt, s, mic	282-1
2123.00			153
	100	Cont : prp, dd	153-1
2126.00			154
	80	Sh/Clst: drk gy to m drk gy, calc, slt, mic	154-1
	10	Cont : prp, dd, fib	154-4
	5	S/Sst : lt brn gy, calc, carb, mic, glauc	154-2
	5	Other : w, calc, kln	154-3
2129.00			155
	0.12	50 S/Sst : lt ol gy, calc, carb, mic, glauc	155-1
		50 Sh/Clst: drk gy to m drk gy, calc, pyr, slt, mic	155-2
		tr Other : w, calc, kln	155-3
2132.00			156
	100	Cont : prp, dd	156-1
2135.00			157
	70	S/Sst : lt ol gy, calc, carb, mic	157-1
	6.95	30 Sh/Clst: m gy to drk gy to m drk gy, calc, slt, mic	157-2
		tr Other : w, calc, kln	157-3
		tr Cont : prp, dd	157-4

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
2138.00				158
		100 Cont : prp, dd		158-1
2141.00				159
	0.28	90 S/Sst : lt ol gy, calc, carb, mic		159-1
		10 Sh/Clst: m gy to drk gy to m drk gy, calc, carb, mic		159-2
		tr Other : w, calc, kln		159-3
		tr Cont : prp, dd		159-4
2144.00				160
		90 S/Sst : lt ol gy, calc, carb, mic		160-1
		10 Sh/Clst: m gy to drk gy to m drk gy, calc, carb, mic		160-2
		tr Other : w, calc, kln		160-3
		tr Cont : prp, dd		160-4
2147.00				161
	0.28	80 S/Sst : lt ol gy, calc, carb, mic, glauc		161-2
		20 Sh/Clst: drk gy to m drk gy, calc, carb, mic		161-1
		tr Cont : prp, dd		161-3
		tr Other : w, calc, kln		161-4
2150.00				162
		100 Cont : prp, dd		162-1
2153.00				163
		70 S/Sst : lt ol gy, calc, carb, glauc		163-3
		20 Sh/Clst: drk gy to m drk gy, calc, carb, mic		163-1
		10 Other : w, calc, kln		163-2
		tr Ca : ol gy, dol		163-4
		tr Cont : prp, dd, fib		163-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		
Lithology description				
2156.00				164
	0.19	70	S/Sst : lt ol gy, calc, glauc	164-3
		20	Sh/Clst: drk gy to m lt gy, calc, carb, pyr, mic	164-1
		10	Other : w, calc, kln	164-2
		tr	Cont : prp, dd	164-4
2159.00				165
		70	S/Sst : lt ol gy, calc, glauc	165-3
		20	Sh/Clst: drk gy to m lt gy, calc, carb, pyr, mic	165-1
		10	Other : w, calc, kln	165-2
		tr	Cont : prp, dd	165-4
2162.00				166
		100	Cont : prp, dd	166-1
2165.00				167
	0.27	70	Sh/Clst: drk gy, carb	167-1
		20	S/Sst : lt ol gy, calc, carb, glauc, kln	167-4
		10	Other : w, calc, kln	167-3
		tr	Ca : w to lt ol gy, dol	167-2
		tr	Cont : prp, dd	167-5
2168.00				168
		100	Cont : prp, dd	168-1
2190.70	ccp			299
	0.41	100	S/Sst : pl y brn, carb, mic	299-1

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2193.20	ccp					283
		0.45	100	S/Sst : drk y brn, carb, cly		283-1
2195.76	ccp					284
		0.58	100	S/Sst : pl y brn, carb, mic, f		284-1
2204.50	ccp					285
			100	Coal : blk		285-1
2208.00	ccp					286
		11.12	100	Sh/Clst: brn blk, carb, mic		286-1
2211.50	ccp					287
		0.79	100	S/Sst : pl y brn, carb		287-1
2219.75	ccp					288
		0.62	100	S/Sst : pl y brn, carb, cly, mic		288-1
2221.25	ccp					289
		1.24	100	S/Sst : pl y brn, carb, mic		289-1
2224.75	ccp					290
			100	Coal : blk		290-1

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type			Trb	Sample
Int Cvd	TOC%	%	Lithology description		
2239.50	ccp				291
		100	Coal : blk		291-1
2244.50	ccp				292
	0.74	100	S/Sst : drk y brn, carb, mic, st		292-1
2246.25	ccp				293
	0.27	100	S/Sst : drk y brn to pl y brn, carb		293-1
2252.00	ccp				294
		100	Coal : blk		294-1
2252.40	ccp				295
	5.05	100	Sh/Clst: m gy, carb, mic		295-1
2252.75	ccp				296
	0.98	100	Sltst : pl y brn to dsk y brn, cly, mic		296-1
2261.60	ccp				297
	0.64	100	S/Sst : pl y brn, carb, mic		297-1
2266.75	ccp				298
	0.63	100	S/Sst : drk y brn to pl y brn, carb, mic		298-1

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
2273.00				169
	0.46	70 Sh/Clst: drk gy, mic 25 S/Sst : lt ol gy, calc, carb, slt, mic 5 Coal : blk		169-2 169-3 169-1
2276.00				170
		70 Sh/Clst: drk gy, mic 25 S/Sst : lt ol gy, calc, carb, slt, mic 5 Coal : blk		170-2 170-3 170-1
2279.00				171
	2.28	50 Sh/Clst: lt gy to drk gy, calc, carb, mic 45 S/Sst : lt brn gy, calc, carb, slt, mic 5 Coal : blk tr Sh/Clst: gy red, calc, mic tr Cont : prp, dd		171-3 171-2 171-1 171-4 171-5
2282.00				172
		80 S/Sst : lt brn gy, calc, carb, mic 20 Sh/Clst: lt gy to drk gy, calc, carb, mic tr Coal : blk tr Other : calc, carb, kln		172-1 172-2 172-3 172-4
2285.00				173
		80 S/Sst : lt brn gy, calc, carb, mic 20 Sh/Clst: lt gy to drk gy, calc, carb, mic tr Coal : blk tr Other : calc, carb, kln		173-1 173-2 173-3 173-4

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
2288.00				174
	0.33	80 S/Sst : lt brn gy, calc, carb, mic		174-1
		20 Sh/Clst: lt gy to drk gy, calc, carb, mic		174-2
		tr Coal : blk		174-3
		tr Other : calc, carb, kln		174-4
2291.00				175
		80 S/Sst : lt brn gy, calc, carb, mic		175-1
		20 Sh/Clst: lt gy to drk gy, calc, carb, mic		175-2
		tr Coal : blk		175-3
		tr Other : calc, carb, kln		175-4
2294.00				176
		50 Other : w, calc, kln		176-1
		30 S/Sst : y gy to lt brn gy, carb, mic		176-3
		20 Coal : blk		176-2
		tr Sh/Clst: m gy to drk gy, mic		176-4
		tr Cont : Mica-ad, prp		176-5
2297.00				177
	5.25	50 S/Sst : lt brn gy, calc, carb, slt, mic		177-1
		50 Sltst : brn gy to brn blk, carb, mic		177-3
		tr Other : w, calc, carb, kln		177-2
2300.00				178
		80 S/Sst : pl y brn, calc, carb, slt, mic, f		178-1
		15 Sltst : brn gy, carb, mic		178-2
		5 Sh/Clst: m drk gy to drk gy, carb		178-3
		tr Coal : blk		178-4
		tr Cont : prp		178-5
		tr Kaolin : w, calc, carb		178-6

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
2303.00				179
	0.15	80 S/Sst : pl y brn, calc, carb, slt, mic, f		179-1
		15 Sltst : brn gy, carb, mic		179-2
		5 Sh/Clst: m drk gy to drk gy, carb		179-3
		tr Coal : blk		179-4
		tr Cont : prp		179-5
		tr Kaolin : w, calc, carb		179-6
2306.00				180
		50 S/Sst : pl y brn, calc, carb, slt, mic, f		180-1
		50 Cont : dd, fib		180-2
2309.00				181
	0.24	80 S/Sst : pl y brn, calc, carb, mic, f		181-2
		10 Coal : blk		181-1
		5 Sltst : brn gy, carb, mic		181-3
		5 Sh/Clst: m gy to drk gy, carb, mic		181-4
		tr Kaolin : w, calc, carb		181-5
2312.00				182
		50 S/Sst : pl y brn, calc, carb, mic, f, kln		182-2
		40 Sltst : brn gy to brn blk, carb, mic		182-3
		10 Sh/Clst: brn blk, carb, slt		182-1
		tr Kaolin : w, calc, carb		182-4
2315.00				183
		100 Cont : prp, dd		183-1
2318.00				184
	58.04	80 S/Sst : pl y brn, calc, carb, mic, f, st		184-1
		10 Coal : blk		184-2
		10 Sltst : brn gy to brn blk, carb, mic		184-3
		tr Sh/Clst: m gy to drk gy, carb, mic		184-4

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		
Lithology description				
2321.00				185
		90 S/Sst	: pl y brn, calc, carb, slt, mic, f, st	185-1
		10 Sh/Clst:	m gy to drk gy, carb, mic	185-2
		tr Cont	: Coal-ad	185-3
		tr Kaolin	: w, calc, carb	185-4
2324.00				186
		80 S/Sst	: pl y brn, calc, carb, mic, f, st	186-1
		10 Sltst	: brn gy, carb, mic	186-2
		10 Sh/Clst:	m gy to drk gy, carb, mic	186-3
		tr Kaolin	: w, calc, carb	186-4
		tr Cont	: dd	186-5
2327.00				187
	0.57	90 S/Sst	: pl y brn, calc, carb, mic, f, st	187-1
		10 Sh/Clst:	m gy to drk gy, carb, mic	187-2
		tr Coal	: blk	187-3
		tr Kaolin	: w, calc, carb	187-4
		tr Cont	: prp, fib	187-5
2330.00				188
		70 S/Sst	: pl y brn, calc, carb, mic, f	188-3
		10 Coal	: blk	188-1
		10 Kaolin	: w, calc, carb	188-2
	5.02	10 Sltst	: brn gy, carb, mic	188-4
2333.00				189
		80 S/Sst	: pl y brn, calc, carb, mic, f, kln	189-4
		10 Kaolin	: w, calc, carb	189-1
		5 Sh/Clst:	m gy to drk gy, carb, mic	189-2
		5 Sltst	: brn gy to brn blk	189-3
		tr Cont	: prp	189-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		

Lithology description				

2336.00				190
		80 S/Sst	: pl y brn, calc, carb, mic, f, kln	190-5
		10 Sltst	: brn gy to brn blk, carb, mic	190-1
		5 Sh/Clst:	m gy to drk gy, carb	190-2
		5 Kaolin	: w, calc, carb	190-3
		tr Coal	: blk	190-4
		tr Cont	: Coal-ad, fib	190-6
2339.00				191
	0.39	80 S/Sst	: pl y brn, calc, carb, mic, f, kln	191-5
		10 Sltst	: brn gy to brn blk, carb, mic	191-1
		5 Sh/Clst:	m gy to drk gy, carb	191-2
		5 Kaolin	: w, calc, carb	191-3
		tr Coal	: blk	191-4
		tr Cont	: Coal-ad, fib	191-6
2342.00				192
		50 S/Sst	: pl y brn, calc, carb	192-1
		50 Cont	: Coal-ad, prp, dd, fib	192-2
2345.00				193
	0.37	70 S/Sst	: pl y brn, carb, mic	193-5
		20 Coal	: blk	193-1
		5 Kaolin	: w, calc, carb	193-2
		5 Sltst	: brn gy to brn blk, carb, mic	193-4
		tr Sh/Clst:	m gy to drk gy	193-3
2348.00				194
		75 S/Sst	: pl y brn, calc, carb, mic, kln	194-5
		10 Kaolin	: w, calc, carb	194-2
		5 Coal	: blk	194-1
		5 Sh/Clst:	m gy to drk gy	194-3
		5 Sltst	: brn gy to brn blk, carb, mic	194-4

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		
Lithology description				
2351.00				195
	0.32	75	S/Sst : pl y brn, calc, carb, mic, kln	195-4
		20	Kaolin : w, calc, carb	195-2
		5	Coal : blk	195-1
		tr	Sh/Clst: m gy to drk gy	195-3
		tr	Cont : prp, fib	195-5
2354.00				196
		60	S/Sst : pl y brn, calc, carb, mic, kln	196-3
		30	Kaolin : w, calc, carb	196-2
		10	Coal : blk	196-1
		tr	Sltst : brn gy to brn blk, carb, mic	196-4
2357.00				197
	0.34	50	S/Sst : pl y brn, calc, carb, mic, kln	197-2
		40	Kaolin : w, calc, carb	197-1
		10	Sh/Clst: drk gy to m drk gy, carb	197-3
2360.00				281
		70	S/Sst : pl y brn, calc, carb, mic	281-2
		20	Kaolin : w, calc, carb	281-1
		10	Sh/Clst: drk gy, carb	281-3
		tr	Coal : blk, s	281-4
2363.00				199
		70	S/Sst : pl y brn, calc, carb, mic	199-2
		20	Kaolin : w, calc	199-1
		10	Coal : blk	199-4
		tr	Cont : Mica-ad, prp, fib	199-3

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		
Lithology description				
2366.00				200
	0.17	70	S/Sst : pl y brn, calc, carb, mic	200-2
		20	Kaolin : w, calc, carb	200-1
		10	Sh/Clst: drk gy, carb	200-3
		tr	Cont : Mica-ad, prp, fib	200-4
2369.00				201
		60	S/Sst : pl y brn, calc, carb, mic	201-2
		30	Kaolin : w, s	201-1
		10	Coal : blk	201-3
2372.00				202
		50	Kaolin : w, carb	202-1
		40	S/Sst : pl y brn, calc, carb, mic	202-2
		10	Sh/Clst: blk, carb	202-3
2375.00				203
		50	S/Sst : pl y brn, calc, carb, mic	203-2
		45	Kaolin : w, carb	203-1
		5	Sh/Clst: drk gy to m drk gy, carb	203-3
2378.00				204
		50	Sh/Clst: blk to drk gy, carb	204-3
		30	S/Sst : pl y brn, calc, carb, mic	204-2
		20	Kaolin : w, carb, s	204-1
		tr	Other : pyr	204-4
2381.00				205
		50	Sh/Clst: blk to drk gy, carb	205-3
		30	S/Sst : pl y brn, calc, carb, mic	205-2
		20	Kaolin : w, carb, s	205-1
		tr	Other : pyr	205-4

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		

2384.00				206
		50 Sh/Clst: blk to drk gy, carb		206-4
		30 S/Sst : pl y brn, calc, carb, mic		206-6
		20 Kaolin : w		206-5
2387.00				207
		50 Sh/Clst: blk to drk gy, carb		207-3
		30 S/Sst : pl y brn, calc, carb, mic		207-2
		20 Kaolin : w		207-1
2390.00				208
	3.48	50 Sh/Clst: blk to drk gy, carb, mic		208-3
		40 S/Sst : pl y brn, calc, carb, mic		208-2
		10 Kaolin : w		208-1
		tr Cont : fib		208-4
2393.00				209
		50 Sh/Clst: blk to drk gy, carb, mic		209-3
		40 S/Sst : pl y brn, calc, carb, mic		209-2
		10 Kaolin : w, carb		209-1
2396.00				210
		60 S/Sst : pl y brn, calc, carb, mic		210-2
		30 Sh/Clst: blk to drk gy, carb		210-3
		10 Kaolin : w, carb		210-1
		tr Cont : fib		210-4
2399.00				211
		40 Kaolin : w, carb		211-1
	0.18	40 S/Sst : pl y brn, calc, carb, mic		211-2
		20 Sh/Clst: blk to m drk gy, carb, mic		211-3

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int	Cvd	TOC%	%	Lithology description
2402.00				212
				40 Kaolin : w, carb 212-1
				30 S/Sst : pl y brn, calc, carb, mic 212-2
				20 Sh/Clst: blk to drk gy, carb, pyr, mic 212-3
				10 Coal : blk 212-4
2405.00				213
	2.95			40 Sltst : m drk gy, carb, mic 213-4
				30 Kaolin : w, carb 213-1
				20 Sh/Clst: blk to drk gy, carb, mic 213-5
				10 S/Sst : pl y brn, calc, carb, mic 213-2
				tr Coal : blk 213-3
2408.00				214
				40 Kaolin : w, carb 214-1
				20 S/Sst : y gy to pl y brn, calc, carb, mic 214-2
				20 Sltst : m drk gy, carb, mic 214-4
				10 Coal : blk 214-3
				10 Sh/Clst: blk to drk gy, carb, mic 214-5
2411.00				215
				30 Kaolin : w, carb 215-1
	6.94			25 S/Sst : y gy to pl y brn, carb, mic, kln 215-2
				20 Sltst : brn gy to m drk gy, carb, mic 215-4
				20 Sh/Clst: blk to drk gy, carb, mic 215-5
				5 Coal : blk 215-3
				tr Other : pyr 215-6
2414.00				216
				40 S/Sst : y gy to pl y brn, carb, mic, st, kln 216-2
				30 Sh/Clst: blk to drk gy, carb, mic 216-4
				20 Kaolin : w, calc, carb, s 216-1
				10 Sltst : brn gy to drk gy, calc, carb, mic 216-3
				tr Cont : fib 216-5
				tr Ca : brn gy, dol 216-6

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%	Lithology description	
2417.00				217
		40	S/Sst : y gy to pl y brn, calc, carb, mic, st, kln	217-2
		20	Kaolin : w, calc, carb, s, st	217-1
		20	Sltst : brn gy to drk gy, calc, carb, mic	217-3
		20	Sh/Clst: blk to drk gy, carb, mic	217-4
2420.00				218
	0.20	40	S/Sst : y gy to pl y brn, calc, carb, mic, st, kln	218-2
		30	Sltst : brn gy to drk gy, calc, carb, mic	218-3
		20	Sh/Clst: blk to drk gy, carb, mic	218-4
		10	Kaolin : w, calc, carb, s	218-1
2423.00				219
		60	S/Sst : y gy to pl y brn, carb, mic, st, kln	219-2
		20	Sh/Clst: blk to drk gy, carb, mic	219-4
		10	Kaolin : w, carb, s	219-1
		10	Sltst : brn gy to m drk gy, calc, carb, mic	219-3
2426.00				220
		50	S/Sst : y gy, calc, carb, mic	220-2
		30	Sltst : brn gy, calc, carb, mic	220-3
		10	Kaolin : w, carb	220-1
		10	Sh/Clst: drk gy to m drk gy, carb	220-4
		tr	Cont : prp, fib	220-5
2429.00				221
	2.41	50	S/Sst : y gy, calc, carb, mic, st	221-2
		35	Sltst : brn gy, calc, carb, mic	221-3
		10	Kaolin : w, carb	221-1
		5	Sh/Clst: drk gy to m drk gy, carb	221-4
		tr	Cont : prp, fib	221-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		
Lithology description				
2432.00				222
		40 S/Sst	: y gy to pl y brn, carb, mic	222-2
		40 Sltst	: brn gy to drk gy, calc, carb, mic	222-3
		10 Kaolin	: w, carb	222-1
		10 Sh/Clst	: ol blk to drk gy, carb, mic	222-4
		tr Cont	: fib	222-5
2435.00				223
		60 S/Sst	: y gy, carb, mic, st, kln	223-2
		20 Kaolin	: w, carb, s	223-1
		20 Sh/Clst	: blk to drk gy, carb, mic	223-4
		tr Sltst	: brn gy to drk gy, calc, carb, mic	223-3
		tr Cont	: fib	223-5
2438.00				224
		70 S/Sst	: y gy to m gy, carb, mic, st, kln	224-2
		20 Sltst	: brn gy to m drk gy, calc, carb, mic	224-3
		10 Kaolin	: w, carb	224-1
		tr Sh/Clst	: blk to drk gy, carb, mic	224-4
		tr Cont	: fib	224-5
2441.00				225
	0.07	90 S/Sst	: y gy to drk y brn, carb, mic, kln	225-4
		10 Sh/Clst	: blk to drk gy, carb, mic	225-3
		tr Ca	: drk y brn, dol	225-5
2444.00				226
		80 S/Sst	: y gy to drk y brn, carb, mic, st, kln	226-5
		10 Sltst	: pl y brn, carb, mic	226-1
		10 Sh/Clst	: blk to drk gy, carb, mic	226-4
		tr Coal	: blk	226-2

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		
Lithology description				
2447.00				227
		50 S/Sst	: y gy to drk y brn, carb, mic, st, kln	227-3
		20 Sltst	: pl y brn, carb, mic	227-1
		20 Coal	: blk, mic	227-2
		10 Kaolin	: w, carb, mic	227-4
		tr Cont	: fib	227-5
2450.00				228
	0.10	80 S/Sst	: y gy to drk y brn, carb, mic, st, kln	228-3
		10 Sltst	: pl y brn, carb, mic	228-1
		10 Coal	: blk, mic	228-2
		tr Sh/Clst:	blk to ol blk, carb, mic	228-4
2453.00				229
		60 S/Sst	: y gy to pl y brn, carb, mic, st, kln	229-2
		30 Sltst	: brn gy to drk y brn, carb, mic, kln	229-1
		10 Kaolin	: w, carb, mic	229-4
		tr Sh/Clst:	drk gy, mic	229-3
2456.00				230
		70 S/Sst	: y gy to pl y brn, carb, mic, st, kln	230-2
	2.09	20 Sltst	: brn gy to drk y brn, carb, mic, kln	230-1
		10 Coal	: blk, mic	230-3
		tr Ca	: pl y brn	230-4
		tr Cont	: fib	230-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
2459.00				231
		70 S/Sst : y gy to pl y brn, carb, mic, st, kln		231-2
		10 Sltst : brn gy to drk y brn, carb, mic, kln		231-1
		10 Coal : blk		231-3
		10 Cont : prp, fib		231-4
2462.00				232
		80 S/Sst : y gy, carb, mic, st, kln		232-4
		10 Sltst : brn gy to drk y brn, carb, mic		232-1
		10 Sh/Clst: blk to drk gy, carb, mic		232-2
		tr Ca : pl y brn, dol		232-3
		tr Kaolin : w, carb		232-5
2465.00				233
		50 S/Sst : y gy, carb, mic, st, kln		233-2
		30 Coal : blk		233-4
		10 Sltst : brn gy to pl y brn, carb, mic, kln		233-1
		10 Kaolin : w, carb		233-3
		tr Cont : fib		233-5
2468.00				234
		50 S/Sst : y gy, carb, mic, kln		234-3
25.28		20 Coal : blk		234-1
		20 Kaolin : w, carb		234-4
		10 Sltst : brn gy to pl y brn, carb, mic, kln		234-2
		tr Other : pyr		234-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		
Lithology description				
2471.00				235
		50 S/Sst : y gy, carb, st, kln		235-3
		30 Sh/Clst: ol blk to drk gy, carb		235-5
		10 Coal : blk		235-1
		10 Kaolin : w, carb		235-4
		tr Sltst : m drk gy, carb, mic		235-2
2474.00				236
		50 S/Sst : y gy, carb, mic, st, kln		236-2
		30 Sh/Clst: ol blk to drk gy, carb, pyr		236-4
		10 Sltst : y gy to m drk gy, mic		236-1
		10 Kaolin : w, carb		236-3
		tr Cont : prp, fib		236-5
2477.00				237
		75 S/Sst : y gy, carb, kln		237-2
		10 Sltst : m drk gy, mic		237-1
		10 Sh/Clst: drk gy to m drk gy, carb		237-3
		5 Coal : blk		237-4
2480.00				238
	0.13	80 S/Sst : y gy, carb, st, kln		238-3
		10 Coal : blk		238-1
		10 Sltst : m drk gy, carb, kln		238-2
		tr Cont : fib		238-4
2483.00				239
		75 S/Sst : y gy, carb, mic, st, kln		239-3
		20 Coal : blk, mic		239-1
		5 Sltst : m drk gy, carb, mic		239-2

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int	Cvd	TOC%	%	Lithology description
2486.00				240
			55 S/Sst	: y gy, carb, mic, st, kln 240-2
			30 Sh/Clst	: blk to drk gy, carb, mic 240-3
			10 Coal	: blk 240-1
			5 Kaolin	: w, carb 240-4
2489.00				241
	54.47		50 Coal	: blk, mic 241-1
			45 S/Sst	: y gy, carb, mic, st 241-2
			5 Sltst	: m drk gy, carb, mic, kln 241-3
2492.00				242
			85 S/Sst	: y gy, carb, mic 242-2
			10 Sltst	: m drk gy, carb, mic 242-3
			5 Coal	: blk, mic 242-1
			tr Kaolin	: w, carb, st 242-4
			tr Ca	: pl y brn, dol 242-5
2495.00				243
			90 S/Sst	: y gy, carb, mic, st, kln 243-2
			10 Sltst	: m gy to m drk gy, carb, mic, kln 243-3
			tr Coal	: blk 243-1
			tr Kaolin	: w, carb 243-4
2498.00				244
			85 S/Sst	: y gy to pl y brn, carb, mic, st, kln 244-2
			10 Sltst	: m drk gy, carb, mic 244-3
			5 Coal	: blk, mic 244-1
			tr Ca	: pl y brn, dol 244-4

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
2501.00				245
	0.17	65 S/Sst : y gy, carb, mic, st, kln		245-2
	2.63	30 Sltst : m drk gy, carb, mic		245-3
		5 Coal : blk		245-1
		tr Ca : pl y brn, dol		245-4
		tr Sh/Clst: drk gy, mic		245-5
2504.00				246
		70 S/Sst : y gy, carb, mic, st, kln		246-2
		30 Sltst : m drk gy, carb, mic		246-3
		tr Coal : blk		246-1
		tr Ca : brn gy, dol		246-4
		tr Sh/Clst: m gy to drk gy, mic		246-5
		tr Cont : prp, fib		246-6
2507.00				247
		55 S/Sst : y gy, carb, st, kln		247-1
		40 Sltst : m drk gy, carb, mic		247-2
		5 Sh/Clst: drk gy to m drk gy, mic		247-4
		tr Ca : brn gy to pl y brn, dol		247-3
		tr Cont : prp, fib		247-5
2510.00				248
	0.26	50 S/Sst : y gy, carb, st, kln		248-1
		30 Sltst : m drk gy, carb, mic		248-2
		20 Kaolin : w, carb		248-5
		tr Ca : pl y brn, dol		248-3
		tr Cont : fib		248-4
		tr Coal : blk		248-6
2513.00				249
		40 S/Sst : y gy, carb, st, kln		249-1
		30 Sltst : m drk gy, carb, mic, kln		249-2
		30 Kaolin : w, carb, s		249-4
		tr Cont : prp, fib		249-3
		tr Other : pyr		249-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int	Cvd	TOC%	%	Lithology description
2516.00				250
				80 S/Sst : y gy, carb, st, kln 250-1
				10 Kaolin : w, carb, s 250-3
				10 Sh/Clst: blk to m drk gy, carb, mic 250-4
				tr Cont : prp, fib 250-2
				tr Coal : blk 250-5
				tr Ca : brn gy to pl y brn, dol 250-6
2519.00				251
				45 S/Sst : y gy to m drk gy, kln 251-1
				30 Kaolin : w, carb, s 251-3
	3.96			20 Sh/Clst: blk to m gy 251-4
				5 Ca : brn gy to drk y brn 251-6
				tr Cont : fib 251-2
				tr Coal : blk 251-5
				tr Sh/Clst: red gy, mic 251-7
2522.00				252
				45 S/Sst : y gy to m drk gy, kln 252-1
				30 Kaolin : w, carb, s 252-3
				20 Sh/Clst: blk to m gy 252-4
				5 Ca : brn gy to drk y brn 252-6
				tr Cont : fib 252-2
				tr Coal : blk 252-5
				tr Sh/Clst: red gy, mic 252-7
2525.00				253
				50 Sh/Clst: pl y brn to m gy, dol 253-6
				40 S/Sst : y gy, carb, kln 253-1
				5 Sh/Clst: blk to drk gy, carb 253-4
				5 Ca : drk y brn to pl y brn, dol 253-5
				tr Cont : fib 253-2
				tr Kaolin : w, carb 253-3

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
2528.00				254
		50 Sh/Clst: pl y brn to m gy, dol		254-6
		40 S/Sst : y gy, carb, kln		254-1
		5 Sh/Clst: blk to drk gy, carb		254-4
		5 Ca : drk y brn to pl y brn, dol		254-5
		tr Cont : fib		254-2
		tr Kaolin : w, carb		254-3
2531.00				255
		60 S/Sst : y gy, carb, mic, st, kln		255-1
		30 Sh/Clst: pl y brn to m gy, dol		255-6
		10 Kaolin : w, carb		255-3
		tr Cont : fib		255-2
	0.42	tr Sh/Clst: blk to drk gy, carb, mic		255-4
		tr Ca : drk y brn, dol		255-5
2534.00				256
		80 S/Sst : y gy, carb, mic, kln		256-1
		20 Sh/Clst: pl y brn to m gy, slt, dol		256-5
		tr Kaolin : w, carb		256-2
		tr Sh/Clst: blk to drk gy, carb, mic		256-3
		tr Ca : drk y brn, dol		256-4
2537.00				257
		50 S/Sst : y gy, carb, mic		257-1
		50 Sh/Clst: drk gy, carb, mic		257-2
		tr Sh/Clst: pl y brn to m gy, dol		257-3
		tr Other : pyr		257-4
		tr Cont : prp, fib		257-5
2540.00				258
	2.58	50 S/Sst : y gy to m gy, carb, mic, st		258-1
		30 Sh/Clst: ol blk to drk gy, carb		258-2
		20 Coal : blk		258-4
		tr Cont : fib		258-3

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		

2543.00				259
		50 S/Sst : y gy to m gy, carb, mic, st		259-1
		30 Sh/Clst: ol blk to drk gy, carb		259-2
		20 Coal : blk		259-4
		tr Cont : fib		259-3
2546.00				260
		50 S/Sst : y gy to m gy, carb, mic, st, kln		260-1
		50 Sh/Clst: m gy to drk gy, pl y brn, carb, mic, dol		260-2
		tr Coal : blk		260-3
		tr Sh/Clst: gn gy to red gy, pyr, mic		260-4
		tr Ca : drk y brn to pl y brn, dol		260-5
2549.00				261
	1.62	70 S/Sst : y gy, carb, mic, kln		261-1
		30 Sh/Clst: m gy to drk gy, pl y brn, carb, mic, dol		261-2
		tr Coal : blk		261-3
		tr Kaolin : w, carb, s		261-4
2552.00				262
		80 S/Sst : y gy to m gy, carb, mic, glauc, kln		262-1
		20 Sh/Clst: m gy to drk gy, pl y brn, slt, dol		262-2
		tr Kaolin : w, carb, s		262-3
2555.00				263
		80 S/Sst : y gy to m gy, carb, mic, glauc, kln		263-1
		20 Sh/Clst: m gy to drk gy, pl y brn, slt, dol		263-2
		tr Kaolin : w, carb, s		263-3

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type	Trb	Sample
Int Cvd	TOC%	%	Lithology description
2558.00			264
		50 S/Sst	: y gy to ol gy, calc, carb, mic, glauc 264-1
		50 Sh/Clst:	m gy to drk gy, pl y brn, carb, slt, dol 264-2
		tr Cont	: fib 264-3
2561.00			265
	2.11	70 Sh/Clst:	brn gy to m gy to drk gy to drk y brn to pl y brn, slt, mic, dol 265-2
		30 S/Sst	: y gy to ol gy, calc, carb, mic, glauc 265-1
		tr Cont	: fib 265-3
		tr Ca	: drk y brn to pl y brn, dol 265-4
		tr Coal	: blk 265-5
2564.00			266
		70 Sh/Clst:	brn gy to m gy to drk gy to drk y brn to pl y brn, slt, mic, dol 266-2
		30 S/Sst	: y gy to ol gy, calc, carb, mic, glauc 266-1
		tr Cont	: fib 266-3
		tr Ca	: drk y brn to pl y brn, dol 266-4
		tr Coal	: blk 266-5
2567.00			267
		70 Sh/Clst:	brn gy to m gy to drk gy to drk y brn to pl y brn, slt, mic, dol 267-2
		30 S/Sst	: y gy to ol gy, calc, carb, mic, glauc 267-1
		tr Cont	: fib 267-3
		tr Ca	: drk y brn to pl y brn, dol 267-4
		tr Coal	: blk 267-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		
Lithology description				
2570.00				268
	1.41	50	S/Sst : y gy to lt gy, carb, mic, kln	268-1
		40	Sltst : brn gy to m drk gy, calc, carb, mic	268-5
		10	Sh/Clst: drk gy to m drk gy, carb	268-2
		tr	Ca : drk y brn to pl y brn, dol	268-3
		tr	Coal : blk	268-4
2573.00				269
		70	S/Sst : brn gy to y gy, mic, kln	269-1
		20	Sltst : brn gy to m drk gy, calc, carb, mic	269-5
		5	Sh/Clst: ol blk to drk gy, carb, mic	269-2
		5	Ca : drk y brn to pl y brn, dol	269-3
		tr	Coal : blk	269-4
		tr	Cont : prp, fib	269-6
2576.00				270
		70	S/Sst : brn gy to y gy, mic, kln	270-1
		20	Sltst : brn gy to m drk gy, calc, carb, mic	270-5
		5	Sh/Clst: ol blk to drk gy, carb, mic	270-2
		5	Ca : drk y brn to pl y brn, dol	270-3
		tr	Coal : blk	270-4
		tr	Cont : prp, fib	270-6
2579.00				271
	0.04	70	S/Sst : brn gy to y gy, mic, kln	271-1
		20	Sltst : brn gy to m drk gy, calc, carb, mic	271-5
		5	Sh/Clst: ol blk to drk gy, carb, mic	271-2
		5	Ca : drk y brn to pl y brn, dol	271-3
		tr	Coal : blk	271-4
		tr	Cont : prp, fib	271-6

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample		
Int	Cvd	TOC%	%	Lithology description		
2585.00						272
			60	S/Sst : y gy to ol gy, carb, mic, glauc, kln		272-3
			20	Sh/Clst: ol blk to m gy, carb		272-1
			20	Sltst : brn gy to m drk gy, calc, carb, mic		272-2
			tr	Cont : fib		272-4
			tr	Sh/Clst: red gy, mic		272-5
2588.00						273
			60	S/Sst : y gy to ol gy, carb, mic, glauc, st, kln		273-4
			25	Sh/Clst: ol blk to drk gy, carb		273-2
			10	Sltst : brn gy to m drk gy, calc, carb, mic		273-3
			5	Coal : blk		273-1
			tr	Ca : drk y brn to pl y brn, dol		273-5
2591.00						274
	0.04		70	S/Sst : y gy to ol gy, carb, mic, glauc, kln		274-3
			20	Coal : blk		274-1
			10	Sltst : brn gy to m drk gy, calc, carb, mic		274-2
			tr	Kaolin : w, carb		274-4
			tr	Ca : drk y brn to pl y brn, dol		274-5
2594.00						275
			70	S/Sst : y gy to ol gy, carb, mic, glauc, kln		275-3
			20	Coal : blk		275-1
			10	Sltst : brn gy to m drk gy, calc, carb, mic		275-2
			tr	Kaolin : w, carb		275-4
			tr	Ca : drk y brn to pl y brn, dol		275-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		
Lithology description				
2597.00				276
		70 S/Sst	: y gy to ol gy, carb, mic, glauc, kln	276-3
		20 Coal	: blk	276-1
		10 Sltst	: brn gy to m drk gy, calc, carb, mic	276-2
		tr Kaolin	: w, carb	276-4
		tr Ca	: drk y brn to pl y brn, dol	276-5
2600.00				277
	0.03	80 S/Sst	: y gy to ol gy, carb, mic, glauc, kln	277-3
		10 Coal	: blk	277-1
		10 Sltst	: brn gy to m drk gy, calc, carb, mic	277-2
		tr Ca	: drk y brn to pl y brn, dol	277-4
		tr Kaolin	: w, carb, s	277-5
		tr Sh/Clst	: ol blk to m gy, carb, mic	277-6
2603.00				278
		75 S/Sst	: y gy, carb, glauc, kln	278-4
		20 Sh/Clst	: blk, carb	278-1
		5 Ca	: drk y brn to pl y brn, dol	278-2
		tr Sh/Clst	: ol blk to m gy, carb, mic	278-3
		tr Coal	: blk	278-5
2606.00				279
		75 S/Sst	: y gy, carb, glauc, kln	279-4
		20 Sh/Clst	: blk, carb	279-1
		5 Ca	: drk y brn to pl y brn, dol	279-2
		tr Sh/Clst	: ol blk to m gy, carb, mic	279-3
		tr Coal	: blk	279-5

Table 1 : Lithology description for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	%		
Lithology description				
2609.00				280
	70			280-4
	20			280-1
	10			280-2
	tr			280-3

Table 2 : Rock-Eval table for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1652.00	cut	Sh/Clst: drk gy to m drk gy	0.24	0.62	0.33	1.88	1.36	46	24	0.9	0.28	440	001-1
1661.00	cut	Sh/Clst: drk gy to m drk gy	0.18	0.54	0.37	1.46	1.25	43	30	0.7	0.25	438	004-1
1673.00	cut	Sh/Clst: drk gy to m drk gy	0.21	0.60	0.26	2.31	1.33	45	20	0.8	0.26	436	008-1
1682.00	cut	Sh/Clst: drk gy to m drk gy	0.13	0.56	0.27	2.07	1.35	41	20	0.7	0.19	436	011-1
1691.00	cut	Sh/Clst: drk gy to m drk gy	0.11	0.38	0.33	1.15	1.18	32	28	0.5	0.22	428	014-1
1703.00	cut	Ca : dsk brn y	0.02	0.14	1.32	0.11	0.49	29	269	0.2	0.13	439	018-2
1712.00	cut	Sh/Clst: drk gy to m drk gy	0.14	0.63	0.17	3.71	1.47	43	12	0.8	0.18	438	021-1
1718.00	cut	Sh/Clst: drk gy to m drk gy	0.19	0.75	0.32	2.34	1.65	45	19	0.9	0.20	438	023-1
1730.00	cut	Ca : y gy to m gy	0.05	0.17	0.79	0.22	0.46	37	172	0.2	0.23	413	027-1
1745.00	cut	Sh/Clst: drk gy to m drk gy	0.27	1.30	0.45	2.89	2.23	58	20	1.6	0.17	440	030-1
1751.00	cut	Ca : lt ol gy to drk gy, drk y brn to dsk y brn	0.39	1.90	0.67	2.84	2.81	68	24	2.3	0.17	438	032-2
1760.00	cut	Sh/Clst: drk gy	0.18	0.78	0.21	3.71	1.70	46	12	1.0	0.19	436	035-1
1769.00	cut	Sh/Clst: drk gy to m drk gy	0.22	0.85	0.27	3.15	1.71	50	16	1.1	0.21	439	038-1
1781.00	cut	Sh/Clst: drk gy to m drk gy	0.30	1.19	0.31	3.84	2.11	56	15	1.5	0.20	438	042-1
1793.00	cut	S/Sst : ol gy	0.54	1.41	0.54	2.61	1.65	85	33	2.0	0.28	434	046-1

Table 2 : Rock-Eval table for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1802.00	cut	Sh/Clst: drk gy to m drk gy	0.39	1.44	0.46	3.13	2.17	66	21	1.8	0.21	440	049-3
1811.00	cut	Sh/Clst: drk gy to m drk gy	0.45	1.58	0.51	3.10	2.33	68	22	2.0	0.22	441	052-2
1820.00	cut	Sltst : ol gy to m drk gy	0.53	1.43	0.71	2.01	2.02	71	35	2.0	0.27	431	055-2
1829.00	cut	Sh/Clst: drk gy	0.46	1.52	0.64	2.38	2.67	57	24	2.0	0.23	435	057-2
1841.00	cut	Sltst : ol gy to m drk gy	0.60	1.49	0.71	2.10	2.23	67	32	2.1	0.29	433	061-1
1859.00	cut	Sltst : ol gy to m drk gy	0.50	1.50	0.76	1.97	2.22	68	34	2.0	0.25	431	067-2
1871.00	cut	Sh/Clst: drk gy to m drk gy	0.50	1.67	0.75	2.23	2.70	62	28	2.2	0.23	432	071-2
1880.00	cut	Sltst : ol gy to m drk gy	0.49	1.65	0.45	3.67	2.59	64	17	2.1	0.23	433	074-1
1892.00	cut	S/Sst : lt ol gy	0.41	1.08	0.81	1.33	1.53	71	53	1.5	0.28	428	078-4
1904.00	cut	Sltst : ol gy to m drk gy	0.72	2.06	0.83	2.48	2.92	71	28	2.8	0.26	434	082-3
1913.00	cut	Sltst : ol gy to m drk gy	0.74	2.07	0.90	2.30	2.84	73	32	2.8	0.26	429	085-1
1925.00	cut	Sh/Clst: ol blk	0.49	2.53	0.13	19.46	3.03	83	4	3.0	0.16	436	089-2
1934.00	cut	Ca : drk y brn to dsk y brn	0.04	0.32	1.82	0.18	0.64	50	284	0.4	0.11	433	092-1
1943.00	cut	Sh/Clst: ol blk	0.58	4.31	0.25	17.24	5.42	80	5	4.9	0.12	439	095-2
1952.00	cut	Sh/Clst: ol blk	0.60	4.63	0.36	12.86	5.03	92	7	5.2	0.11	437	098-1

Table 2 : Rock-Eval table for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1964.00	cut	Sh/Clst: ol blk	0.53	2.63	0.20	13.15	3.44	76	6	3.2	0.17	440	102-1
1973.00	cut	Sh/Clst: brn blk	0.70	3.54	0.14	25.29	4.00	89	4	4.2	0.17	437	105-1
1973.00	cut	Sh/Clst: gy red	0.06	0.06	0.36	0.17	0.13	46	277	0.1	0.50	422	105-2
1973.00	cut	Sh/Clst: drk gy to m drk gy	0.34	1.36	0.20	6.80	2.02	67	10	1.7	0.20	434	105-4
1985.00	cut	Ca : w to lt gy	0.01	0.02	0.33	0.06	0.09	22	367	-	0.33	438	109-3
1994.00	cut	Sh/Clst: brn blk	0.50	3.76	0.06	62.67	2.85	132	2	4.3	0.12	438	112-1
2006.00	cut	Sh/Clst: brn blk	0.56	4.29	0.13	33.00	3.41	126	4	4.8	0.12	438	116-1
2012.00	cut	Sh/Clst: brn blk	0.71	7.23	0.09	80.33	3.62	200	2	7.9	0.09	436	118-1
2018.00	cut	Sh/Clst: brn blk	0.97	10.45	0.22	47.50	3.89	269	6	11.4	0.08	434	120-1
2024.00	cut	Sh/Clst: brn blk	1.02	10.67	0.43	24.81	4.02	265	11	11.7	0.09	435	122-1
2030.00	cut	Sh/Clst: brn blk	0.88	8.76	0.64	13.69	3.94	222	16	9.6	0.09	436	124-1
2036.00	cut	Sh/Clst: brn blk	1.22	11.27	0.14	80.50	4.07	277	3	12.5	0.10	434	126-1
2045.00	cut	Sh/Clst: brn blk	1.00	9.04	1.08	8.37	3.68	246	29	10.0	0.10	434	129-1
2054.00	cut	Sh/Clst: brn blk	1.07	10.63	1.89	5.62	4.23	251	45	11.7	0.09	434	132-1
2063.00	cut	Sh/Clst: brn blk	1.70	15.28	1.68	9.10	7.78	196	22	17.0	0.10	432	135-1

Table 2 : Rock-Eval table for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2075.00	cut	Sh/Clst: brn blk	2.34	20.06	2.36	8.50	9.88	203	24	22.4	0.10	431	139-1
2108.00	cut	S/Sst : lt ol gy	0.03	0.12	0.01	12.00	0.10	120	10	0.1	0.20	430	150-2
2121.25	ccp	Coal : blk	18.18	157.45	4.00	39.36	42.28	372	9	175.6	0.10	433	282-1
2129.00	cut	S/Sst : lt ol gy	0.11	0.10	1.02	0.10	0.12	83	850	0.2	0.52	427	155-1
2135.00	cut	Sh/Clst: m gy to drk gy to m drk gy	2.84	18.59	0.36	51.64	6.95	267	5	21.4	0.13	437	157-2
2141.00	cut	S/Sst : lt ol gy	0.12	0.32	0.15	2.13	0.28	114	54	0.4	0.27	432	159-1
2147.00	cut	S/Sst : lt ol gy	0.12	0.28	0.29	0.97	0.28	100	104	0.4	0.30	435	161-2
2156.00	cut	S/Sst : lt ol gy	0.12	0.23	0.48	0.48	0.19	121	253	0.3	0.34	434	164-3
2165.00	cut	S/Sst : lt ol gy	0.16	0.24	0.29	0.83	0.27	89	107	0.4	0.40	435	167-4
2190.70	ccp	S/Sst : pl y brn	2.49	0.77	0.12	6.42	0.41	188	29	3.3	0.76	432	299-1
2193.20	ccp	S/Sst : drk y brn	3.63	0.94	-	-	0.45	209	-	4.6	0.79	434	283-1
2195.76	ccp	S/Sst : pl y brn	4.80	0.93	0.04	23.25	0.58	160	7	5.7	0.84	429	284-1
2208.00	ccp	Sh/Clst: brn blk	5.44	49.40	0.42	117.62	11.12	444	4	54.8	0.10	440	286-1
2211.50	ccp	S/Sst : pl y brn	4.56	2.07	0.23	9.00	0.79	262	29	6.6	0.69	420	287-1
2219.75	ccp	S/Sst : pl y brn	4.47	1.36	0.18	7.56	0.62	219	29	5.8	0.77	421	288-1

Table 2 : Rock-Eval table for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2221.25	ccp	S/Sst : pl y brn	3.89	3.00	0.20	15.00	1.24	242	16	6.9	0.56	433	289-1
2244.50	ccp	S/Sst : drk y brn	5.19	1.70	0.22	7.73	0.74	230	30	6.9	0.75	427	292-1
2246.25	ccp	S/Sst : drk y brn to pl y brn	2.08	0.24	0.15	1.60	0.27	89	56	2.3	0.90	426	293-1
2252.40	ccp	Sh/Clst: m gy	2.46	29.78	0.17	175.18	5.05	590	3	32.2	0.08	444	295-1
2252.75	ccp	Sltst : pl y brn to dsk y brn	3.83	3.11	0.23	13.52	0.98	317	23	6.9	0.55	432	296-1
2261.60	ccp	S/Sst : pl y brn	3.53	1.32	0.15	8.80	0.64	206	23	4.8	0.73	432	297-1
2266.75	ccp	S/Sst : drk y brn to pl y brn	3.09	1.03	0.25	4.12	0.63	163	40	4.1	0.75	438	298-1
2273.00	cut	S/Sst : lt ol gy	0.54	1.07	0.12	8.92	0.46	233	26	1.6	0.34	440	169-3
2279.00	cut	Sh/Clst: lt gy to drk gy	1.56	2.69	0.30	8.97	2.28	118	13	4.3	0.37	435	171-3
2288.00	cut	S/Sst : lt brn gy	0.34	0.55	0.73	0.75	0.33	167	221	0.9	0.38	437	174-1
2297.00	cut	Sltst : brn gy to brn blk	1.93	11.53	0.38	30.34	5.25	220	7	13.5	0.14	437	177-3
2303.00	cut	S/Sst : pl y brn	0.19	0.31	0.10	3.10	0.15	207	67	0.5	0.38	437	179-1
2309.00	cut	S/Sst : pl y brn	0.29	0.48	0.12	4.00	0.24	200	50	0.8	0.38	436	181-2
2318.00	cut	Coal : blk	18.03	172.94	2.74	63.12	58.04	298	5	191.0	0.09	443	184-2
2327.00	cut	S/Sst : pl y brn	0.76	1.37	0.09	15.22	0.57	240	16	2.1	0.36	438	187-1

Table 2 : Rock-Eval table for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2330.00	cut	Slst : brn gy	3.39	18.15	0.18	100.83	5.02	362	4	21.5	0.16	443	188-4
2339.00	cut	S/Sst : pl y brn	0.51	0.86	0.14	6.14	0.39	221	36	1.4	0.37	434	191-5
2345.00	cut	S/Sst : pl y brn	0.51	0.88	0.12	7.33	0.37	238	32	1.4	0.37	435	193-5
2351.00	cut	S/Sst : pl y brn	0.45	0.75	0.08	9.38	0.32	234	25	1.2	0.37	431	195-4
2357.00	cut	S/Sst : pl y brn	0.24	0.71	0.03	23.67	0.34	209	9	0.9	0.25	434	197-2
2366.00	cut	S/Sst : pl y brn	0.17	0.16	0.05	3.20	0.17	94	29	0.3	0.52	438	200-2
2390.00	cut	S/Sst : pl y brn	1.18	4.61	0.22	20.95	3.48	132	6	5.8	0.20	439	208-2
2399.00	cut	S/Sst : pl y brn	0.09	0.21	0.05	4.20	0.18	117	28	0.3	0.30	440	211-2
2405.00	cut	Slst : m drk gy	0.67	3.04	0.20	15.20	2.95	103	7	3.7	0.18	436	213-4
2411.00	cut	Slst : brn gy to m drk gy	1.64	16.72	0.34	49.18	6.94	241	5	18.4	0.09	435	215-4
2420.00	cut	S/Sst : y gy to pl y brn	0.06	0.11	0.11	1.00	0.20	55	55	0.2	0.35	436	218-2
2429.00	cut	Slst : brn gy	0.50	3.43	0.60	5.72	2.41	142	25	3.9	0.13	435	221-3
2441.00	cut	S/Sst : y gy to drk y brn	0.01	0.01	0.11	0.09	0.07	14	157	-	0.50	439	225-4
2450.00	cut	S/Sst : y gy to drk y brn	0.05	0.06	0.57	0.11	0.10	60	570	0.1	0.45	435	228-3
2456.00	cut	Slst : brn gy to drk y brn	0.42	2.73	0.57	4.79	2.09	131	27	3.2	0.13	437	230-1

Table 2 : Rock-Eval table for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2468.00	cut	Coal : blk	5.97	74.58	0.69	108.09	25.28	295	3	80.6	0.07	436	234-1
2480.00	cut	S/Sst : y gy	0.04	0.09	0.01	9.00	0.13	69	8	0.1	0.31	440	238-3
2489.00	cut	Coal : blk	10.60	175.40	-	-	54.47	322	-	186.0	0.06	439	241-1
2501.00	cut	S/Sst : y gy	0.03	0.11	0.38	0.29	0.17	65	224	0.1	0.21	448	245-2
2501.00	cut	Sltst : m drk gy	0.42	3.31	0.50	6.62	2.63	126	19	3.7	0.11	440	245-3
2510.00	cut	S/Sst : y gy	0.11	0.27	0.07	3.86	0.26	104	27	0.4	0.29	444	248-1
2519.00	cut	Sh/Clst: blk to m gy	0.80	7.47	0.24	31.13	3.96	189	6	8.3	0.10	439	251-4
2531.00	cut	Sh/Clst: blk to drk gy	0.11	0.25	0.44	0.57	0.42	60	105	0.4	0.31	442	255-4
2540.00	cut	S/Sst : y gy to m gy	0.69	3.64	0.18	20.22	2.58	141	7	4.3	0.16	434	258-1
2549.00	cut	Sh/Clst: m gy to drk gy, pl y brn	0.36	1.29	-	-	1.62	80	-	1.6	0.22	438	261-2
2561.00	cut	Sh/Clst: brn gy to m gy to drk gy to drk y brn to pl y brn	0.43	2.44	-	-	2.11	116	-	2.9	0.15	441	265-2
2570.00	cut	Sltst : brn gy to m drk gy	0.21	1.11	0.81	1.37	1.41	79	57	1.3	0.16	441	268-5
2579.00	cut	S/Sst : brn gy to y gy	0.01	-	0.09	-	0.04	-	225	-	1.00	-	271-1
2591.00	cut	S/Sst : y gy to ol gy	0.03	0.02	0.01	2.00	0.04	50	25	0.1	0.60	327	274-3
2600.00	cut	S/Sst : y gy to ol gy	0.01	-	-	-	0.03	-	-	-	1.00	-	277-3

Table 2 : Rock-Eval table for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2609.00	cut	Sh/Clst: blk	1.85	27.12	-	-	18.85	144	-	29.0	0.06	441	280-1

Table 3 a: Weight of EOM and Chromatographic Fraction for well NOCS 7120/8-1

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
2036.00	cut	Sh/Clst: brn blk	10.4	36.7	7.2	4.9	4.4	20.2	12.1	24.6	4.57	126-1
2054.00	cut	Sh/Clst: brn blk	7.6	27.7	6.1	4.0	2.6	15.0	10.1	17.6	4.79	132-1
2075.00	cut	Sh/Clst: brn blk	8.6	56.2	7.2	9.0	1.9	38.1	16.2	40.0	10.10	139-1
2121.25	ccp	Coal : blk	2.0	69.7	1.6	9.6	25.0	33.5	11.2	58.5	53.10	282-1
2190.70	ccp	S/Sst : pl y brn	9.9	50.5	7.6	1.8	0.4	40.7	9.4	41.1	0.72	299-1
2193.20	ccp	S/Sst : drk y brn	10.6	96.9	22.9	6.8	0.8	66.3	29.8	67.1	0.88	283-1
2195.76	ccp	S/Sst : pl y brn	9.7	69.1	16.0	3.8	0.8	48.5	19.8	49.3	0.75	284-1
2208.00	ccp	Sh/Clst: brn blk	9.2	84.3	4.7	10.0	0.8	68.9	14.6	69.7	16.80	286-1
2211.50	ccp	S/Sst : pl y brn	9.8	84.0	16.9	4.7	0.4	62.0	21.6	62.4	0.97	287-1
2219.75	ccp	S/Sst : pl y brn	8.1	62.8	13.9	3.0	0.3	45.6	16.9	45.9	0.80	288-1
2221.25	ccp	S/Sst : pl y brn	10.2	65.2	16.2	2.9	1.3	44.8	19.1	46.1	0.95	289-1
2244.50	ccp	S/Sst : drk y brn	10.8	101.0	23.9	4.3	0.6	72.2	28.2	72.8	0.87	292-1
2246.25	ccp	S/Sst : drk y brn to pl y brn	10.7	26.9	6.1	1.0	0.3	19.5	7.1	19.8	0.41	293-1
2252.40	ccp	Sh/Clst: m gy	10.9	32.5	2.5	3.5	3.3	23.2	6.0	26.5	6.46	295-1

Table 3 a: Weight of EOM and Chromatographic Fraction for well NOCS 7120/8-1

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
2252.75	ccp	Sltst : pl y brn to dsk y brn	8.6	48.0	4.0	0.8	0.5	42.7	4.8	43.2	0.92	296-1
2261.60	ccp	S/Sst : pl y brn	7.3	43.2	20.8	3.4	0.7	18.4	24.1	19.1	0.76	297-1
2266.75	ccp	S/Sst : drk y brn to pl y brn	10.3	56.2	22.4	4.8	1.5	27.5	27.2	29.0	0.89	298-1
2273.00	cut	S/Sst : lt ol gy	1.8	3.1	0.8	0.4	0.6	1.3	1.2	1.9	0.88	169-3
2279.00	cut	Sh/Clst: lt gy to drk gy	2.3	8.6	3.4	0.7	0.3	4.2	4.1	4.5	3.07	171-3
2390.00	cut	S/Sst : pl y brn	0.9	2.9	0.1	0.1	0.1	2.6	0.2	2.7	1.47	208-2
2609.00	cut	Sh/Clst: blk	1.0	13.8	0.8	1.8	5.5	5.7	2.6	11.2	28.20	280-1

Table 3 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2036.00	cut	Sh/Clst: brn blk	3518	690	471	421	1934	1162	2356	126-1
2054.00	cut	Sh/Clst: brn blk	3668	810	524	344	1989	1335	2333	132-1
2075.00	cut	Sh/Clst: brn blk	6573	842	1052	222	4456	1894	4678	139-1
2121.25	ccp	Coal : blk	34850	780	4800	12500	16769	5580	29269	282-1
2190.70	ccp	S/Sst : pl y brn	5080	760	181	40	4098	941	4138	299-1
2193.20	ccp	S/Sst : drk y brn	9124	2158	644	75	6246	2802	6322	283-1
2195.76	ccp	S/Sst : pl y brn	7101	1640	394	82	4984	2034	5066	284-1
2208.00	ccp	Sh/Clst: brn blk	9183	509	1084	87	7501	1594	7588	286-1
2211.50	ccp	S/Sst : pl y brn	8562	1724	477	40	6320	2201	6360	287-1
2219.75	ccp	S/Sst : pl y brn	7743	1716	369	36	5620	2086	5657	288-1
2221.25	ccp	S/Sst : pl y brn	6367	1582	281	126	4376	1863	4503	289-1
2244.50	ccp	S/Sst : drk y brn	9377	2217	401	55	6703	2618	6759	292-1
2246.25	ccp	S/Sst : drk y brn to pl y brn	2521	573	89	28	1829	663	1857	293-1
2252.40	ccp	Sh/Clst: m gy	2973	230	318	301	2122	548	2424	295-1
2252.75	ccp	Sltst : pl y brn to dsk y brn	5607	462	98	58	4988	560	5046	296-1

Table 3 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2261.60	ccp	S/Sst : pl y brn	5917	2843	460	95	2517	3304	2613	297-1
2266.75	ccp	S/Sst : drk y brn to pl y brn	5482	2189	468	146	2679	2657	2825	298-1
2273.00	cut	S/Sst : lt ol gy	1751	474	203	338	734	677	1073	169-3
2279.00	cut	Sh/Clst: lt gy to drk gy	3788	1480	317	132	1859	1797	1991	171-3
2390.00	cut	S/Sst : pl y brn	3411	141	141	117	3011	282	3129	208-2
2609.00	cut	Sh/Clst: blk	13529	823	1764	5392	5549	2588	10941	280-1

Table 3 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2036.00	cut	Sh/Clst: brn blk	77.00	15.11	10.32	9.23	42.34	25.43	51.57	126-1
2054.00	cut	Sh/Clst: brn blk	76.59	16.92	10.95	7.19	41.53	27.87	48.72	132-1
2075.00	cut	Sh/Clst: brn blk	65.08	8.34	10.42	2.20	44.12	18.76	46.32	139-1
2121.25	ccp	Coal : blk	65.63	1.47	9.04	23.54	31.58	10.51	55.12	282-1
2190.70	ccp	S/Sst : pl y brn	705.62	105.63	25.15	5.59	569.25	130.78	574.84	299-1
2193.20	ccp	S/Sst : drk y brn	1036.85	245.25	73.19	8.56	709.85	318.44	718.41	283-1
2195.76	ccp	S/Sst : pl y brn	946.90	218.71	52.62	10.96	664.61	271.33	675.57	284-1
2208.00	ccp	Sh/Clst: brn blk	54.66	3.03	6.46	0.52	44.65	9.49	45.17	286-1
2211.50	ccp	S/Sst : pl y brn	882.75	177.81	49.18	4.20	651.55	226.99	655.76	287-1
2219.75	ccp	S/Sst : pl y brn	967.94	214.55	46.24	4.62	702.53	260.79	707.15	288-1
2221.25	ccp	S/Sst : pl y brn	670.23	166.53	29.61	13.36	460.73	196.13	474.10	289-1
2244.50	ccp	S/Sst : drk y brn	1077.92	254.86	46.11	6.40	770.55	300.96	776.96	292-1
2246.25	ccp	S/Sst : drk y brn to pl y brn	614.90	139.90	21.94	6.86	446.20	161.84	453.06	293-1
2252.40	ccp	Sh/Clst: m gy	46.03	3.57	4.93	4.67	32.86	8.50	37.53	295-1
2252.75	ccp	Sltst : pl y brn to dsk y brn	609.51	50.28	10.67	6.35	542.21	60.95	548.56	296-1

Table 3 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2261.60	ccp	S/Sst : pl y brn	778.66	374.19	60.56	12.62	331.29	434.75	343.91	297-1
2266.75	ccp	S/Sst : drk y brn to pl y brn	616.06	245.99	52.62	16.44	301.01	298.60	317.46	298-1
2273.00	cut	S/Sst : lt ol gy	199.02	53.93	23.11	38.52	83.46	77.04	121.98	169-3
2279.00	cut	Sh/Clst: lt gy to drk gy	123.41	48.21	10.33	4.30	60.55	58.55	64.86	171-3
2390.00	cut	S/Sst : pl y brn	232.09	9.60	9.60	8.00	204.88	19.21	212.89	208-2
2609.00	cut	Sh/Clst: blk	47.98	2.92	6.26	19.12	19.68	9.18	38.80	280-1

Table 3 d: Composition of material extracted from the rock (%) for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	HC	Non-HC	Sat	HC	Sample
			EOM	EOM	EOM	EOM	EOM	EOM	Aro	Non-HC	
2036.00	cut	Sh/Clst: brn blk	19.62	13.41	11.99	54.99	33.02	66.98	146.34	49.31	126-1
2054.00	cut	Sh/Clst: brn blk	22.09	14.30	9.39	54.22	36.39	63.61	154.55	57.21	132-1
2075.00	cut	Sh/Clst: brn blk	12.81	16.01	3.38	67.79	28.83	71.17	80.00	40.50	139-1
2121.25	ccp	Coal : blk	2.24	13.77	35.87	48.12	16.01	83.99	16.25	19.06	282-1
2190.70	ccp	S/Sst : pl y brn	14.97	3.56	0.79	80.67	18.53	81.47	420.00	22.75	299-1
2193.20	ccp	S/Sst : drk y brn	23.65	7.06	0.83	68.46	30.71	69.29	335.09	44.33	283-1
2195.76	ccp	S/Sst : pl y brn	23.10	5.56	1.16	70.19	28.65	71.35	415.63	40.16	284-1
2208.00	ccp	Sh/Clst: brn blk	5.55	11.81	0.95	81.68	17.37	82.63	46.99	21.02	286-1
2211.50	ccp	S/Sst : pl y brn	20.14	5.57	0.48	73.81	25.71	74.29	361.54	34.62	287-1
2219.75	ccp	S/Sst : pl y brn	22.17	4.78	0.48	72.58	26.94	73.06	464.00	36.88	288-1
2221.25	ccp	S/Sst : pl y brn	24.85	4.42	1.99	68.74	29.26	70.74	562.50	41.37	289-1
2244.50	ccp	S/Sst : drk y brn	23.64	4.28	0.59	71.49	27.92	72.08	552.78	38.74	292-1
2246.25	ccp	S/Sst : drk y brn to pl y brn	22.75	3.57	1.12	72.57	26.32	73.68	637.50	35.72	293-1
2252.40	ccp	Sh/Clst: m gy	7.75	10.71	10.15	71.38	18.46	81.54	72.41	22.64	295-1

Table 3 d: Composition of material extracted from the rock (%) for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	HC	Non-HC	Sat	HC	Sample
			EOM	EOM	EOM	EOM	EOM	EOM	EOM	Aro	
2252.75	ccp	Sltst : pl y brn to dsk y brn	8.25	1.75	1.04	88.96	10.00	90.00	471.43	11.11	296-1
2261.60	ccp	S/Sst : pl y brn	48.06	7.78	1.62	42.55	55.83	44.17	617.86	126.42	297-1
2266.75	ccp	S/Sst : drk y brn to pl y brn	39.93	8.54	2.67	48.86	48.47	51.53	467.50	94.06	298-1
2273.00	cut	S/Sst : lt ol gy	27.10	11.61	19.35	41.94	38.71	61.29	233.33	63.16	169-3
2279.00	cut	Sh/Clst: lt gy to drk gy	39.07	8.37	3.49	49.07	47.44	52.56	466.67	90.27	171-3
2390.00	cut	S/Sst : pl y brn	4.14	4.14	3.45	88.28	8.28	91.72	100.00	9.02	208-2
2609.00	cut	Sh/Clst: blk	6.09	13.04	39.86	41.01	19.13	80.87	46.67	23.66	280-1

Table 4 : Saturated Hydrocarbon Ratios for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	Pristane	Pristane	Pristane + Phytane	Phytane	CPI	Sample
			nC17	Phytane	nC17 + nC18	nC18		
2036.00	cut	Sh/Clst: brn blk	1.40	2.03	1.13	0.81	1.43	126-1
2054.00	cut	Sh/Clst: brn blk	1.50	1.92	1.18	0.84	1.45	132-1
2075.00	cut	Sh/Clst: brn blk	1.64	1.82	1.31	0.95	1.42	139-1
2121.25	ccp	Coal : blk	0.41	1.37	0.34	0.28	1.21	282-1
2190.70	ccp	S/Sst : pl y brn	0.93	1.22	0.74	0.59	1.22	299-1
2193.20	ccp	S/Sst : drk y brn	0.85	1.36	0.67	0.52	1.16	283-1
2195.76	ccp	S/Sst : pl y brn	0.56	3.58	0.34	0.14	0.90	284-1
2208.00	ccp	Sh/Clst: brn blk	0.54	1.87	0.45	0.34	1.14	286-1
2211.50	ccp	S/Sst : pl y brn	0.82	1.34	0.67	0.53	1.25	287-1
2219.75	ccp	S/Sst : pl y brn	0.68	1.45	0.52	0.39	1.13	288-1
2221.25	ccp	S/Sst : pl y brn	0.80	1.32	0.64	0.51	1.23	289-1
2244.50	ccp	S/Sst : drk y brn	0.75	1.48	0.57	0.41	1.19	292-1
2246.25	ccp	S/Sst : drk y brn to pl y brn	0.70	1.60	0.49	0.33	1.11	293-1
2252.40	ccp	Sh/Clst: m gy	0.60	2.14	0.49	0.36	1.16	295-1

Table 4 : Saturated Hydrocarbon Ratios for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	Pristane	Pristane	Pristane + Phytane	Phytane	CPI	Sample
			nC17	Phytane	nC17 + nC18	nC18		
2252.75	ccp	Sltst : pl y brn to dsk y brn	0.70	1.51	0.51	0.36	1.21	296-1
2261.60	ccp	S/Sst : pl y brn	0.69	1.43	0.51	0.37	1.17	297-1
2266.75	ccp	S/Sst : drk y brn to pl y brn	0.82	1.31	0.62	0.47	1.10	298-1
2273.00	cut	S/Sst : lt ol gy	0.57	1.61	0.44	0.33	1.15	169-3
2279.00	cut	Sh/Clst: lt gy to drk gy	0.86	1.73	0.65	0.46	1.17	171-3
2390.00	cut	S/Sst : pl y brn	0.50	1.36	0.40	0.31	1.29	208-2
2609.00	cut	Sh/Clst: blk	1.35	3.66	0.85	0.36	1.21	280-1

Table 5 : Aromatic Hydrocarbon Ratios for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	DBT/P	4/1MDBT	(3+2)/1MDBT	Sample
2036.00	cut	Sh/Clst: brn blk	0.82	8.40	0.05	0.70	0.63	0.56	0.27	1.29	0.67	126-1L
2054.00	cut	Sh/Clst: brn blk	0.71	5.73	0.02	0.69	0.66	0.57	0.34	1.23	0.56	132-1L
2075.00	cut	Sh/Clst: brn blk	0.90	1.50	0.07	0.70	0.75	0.61	0.75	2.33	0.66	139-1L
2121.25	ccp	Coal : blk	0.84	-	0.26	0.96	0.73	0.79	0.21	8.01	3.32	282-1L
2190.70	ccp	S/Sst : pl y brn	-	-	-	0.94	1.10	1.13	0.50	3.39	1.34	299-1L
2193.20	ccp	S/Sst : drk y brn	-	-	-	0.90	0.99	0.79	0.42	6.08	1.77	283-1L
2195.76	ccp	S/Sst : pl y brn	-	-	-	0.95	0.99	0.89	0.56	11.47	2.78	284-1L
2208.00	ccp	Sh/Clst: brn blk	1.26	-	0.21	1.00	0.75	0.78	0.22	11.97	2.15	286-1L
2211.50	ccp	S/Sst : pl y brn	-	-	-	0.97	1.05	0.95	0.55	12.13	2.33	287-1L
2219.75	ccp	S/Sst : pl y brn	-	-	-	0.93	1.01	0.90	0.39	5.10	1.50	288-1L
2221.25	ccp	S/Sst : pl y brn	-	-	-	1.01	0.89	0.91	0.36	17.22	2.46	289-1L
2244.50	ccp	S/Sst : drk y brn	-	-	-	0.95	0.97	0.94	0.52	15.66	2.58	292-1L
2246.25	ccp	S/Sst : drk y brn to pl y brn	-	-	-	0.90	0.98	0.92	0.39	8.01	1.65	293-1L
2252.40	ccp	Sh/Clst: m gy	-	-	0.08	0.87	0.72	0.75	0.31	17.94	3.35	295-1L
2252.75	ccp	Slst : pl y brn to dsk y brn	-	-	-	0.91	0.96	0.92	0.37	13.40	2.86	296-1L

Table 5 : Aromatic Hydrocarbon Ratios for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	DBT/P	4/1MDBT	(3+2)/1MDBT	Sample
2261.60	ccp	S/Sst : pl y brn	-	-	-	0.92	0.91	0.89	0.35	5.19	1.33	297-1L
2266.75	ccp	S/Sst : drk y brn to pl y brn	-	-	-	0.95	0.87	0.85	0.34	11.03	2.18	298-1L
2273.00	cut	S/Sst : lt ol gy	-	-	-	0.96	0.79	0.81	0.26	10.78	2.02	169-3L
2279.00	cut	Sh/Clst: lt gy to drk gy	-	-	-	0.98	0.83	0.82	0.34	13.01	2.00	171-3L
2390.00	cut	S/Sst : pl y brn	-	-	-	0.97	0.82	0.87	0.23	9.98	2.05	208-2L
2609.00	cut	Sh/Clst: blk	-	-	-	1.07	0.66	0.67	0.11	2.00	1.27	280-1L

Table 6 : Thermal Maturity Data for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	T _{max} (°C)	Sample
1661.00	cut bulk	0.35	3	0.00	0	-	-	004-0B
1709.00	cut bulk	0.39	19	0.05	4	-	-	020-0B
1766.00	cut bulk	0.44	16	0.05	4	-	-	037-0B
1814.00	cut bulk	0.46	20	0.04	5	-	-	053-0B
1865.00	cut bulk	0.47	14	0.04	5	-	-	069-0B
1922.00	cut bulk	0.49	18	0.05	5	-	-	088-0B
1958.00	cut bulk	0.50	18	0.05	5	-	-	100-0B
1994.00	cut Sh/Clst: brn blk	-	-	-	-	5.5-6	438	112-1L
2009.00	cut bulk	0.46	23	0.04	5	-	-	117-0B
2018.00	cut Sh/Clst: brn blk	-	-	-	-	5.5	434	120-1L
2036.00	cut Sh/Clst: brn blk	-	-	-	-	5-5.5	434	126-1L
2060.00	cut bulk	0.52	30	0.04	5+6	-	-	134-0B
2063.00	cut Sh/Clst: brn blk	-	-	-	-	5.5	432	135-1L
2121.25	ccp Coal : blk	-	-	-	-	NDP	433	282-1L

Table 6 : Thermal Maturity Data for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
2204.50	ccp bulk	0.44	50	0.03	5	-	-	285-0B
2208.00	ccp Sh/Clst: brn blk	-	-	-	-	NDP	440	286-1L
2211.50	ccp S/Sst : pl y brn	-	-	-	-	NDP	420	287-1L
2252.40	ccp Sh/Clst: m gy	-	-	-	-	NDP	444	295-1L
2252.75	ccp Sltst : pl y brn to dsk y brn	-	-	-	-	NDP	432	296-1L
2279.00	cut Sh/Clst: lt gy to drk gy	-	-	-	-	NDP	435	171-3L
2309.00	cut bulk	0.49	14	0.03	5	-	-	181-0B
2330.00	cut Sltst : brn gy	-	-	-	-	7	443	188-4L
2369.00	cut bulk	0.53	17	0.05	5	-	-	201-0B
2390.00	cut S/Sst : pl y brn	-	-	-	-	NDP	439	208-2L
2411.00	cut Sltst : brn gy to m drk gy	-	-	-	-	7	435	215-4L
2426.00	cut bulk	0.56	27	0.08	0	-	-	220-0B
2468.00	cut Coal : blk	-	-	-	-	NDP	436	234-1L
2489.00	cut bulk	0.61	15	0.06	6	-	-	241-0B

Table 6 : Thermal Maturity Data for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	T _{max} (°C)	Sample
2489.00	cut Coal : blk	-	-	-	-	NDP	439	241-1L
2519.00	cut Sh/Clst: blk to m gy	-	-	-	-	6.5	439	251-4L
2543.00	cut bulk	0.53	19	0.04	0	-	-	259-0B
2597.00	cut bulk	0.62	22	0.07	6	-	-	276-0B

Table 7 : Visual Kerogen Composition Data for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	L I P T %	A m r D e l	L i p / P o l	S u t	C R e s i n e	D A l n o f l	A B i t L	I N E R T %	F u s i n	S e m t u e s t	M i c r o i r	S c l e t I	V I T R %	T e l l i n	C o l l i e n t	V i d r V	A m o r V	B i t V	Sample
1994.00	cut	Sh/Clst: brn blk	5	**	?					10	*	**			85	*	*	*			112-1
2018.00	cut	Sh/Clst: brn blk	20	**	*					10	*	*			70	*	**	*			120-1
2036.00	cut	Sh/Clst: brn blk	20	**	*					10	*	*			70	*	**	*			126-1
2063.00	cut	Sh/Clst: brn blk	10	**	*		?			10	*	**			80	*	*	*			135-1
2121.25	ccp	Coal : blk	15							TR					85						282-1
2208.00	ccp	Sh/Clst: brn blk	70	**	*	?	?			TR					30			*	*		286-1
2211.50	ccp	S/Sst : pl y brn	NDP							NDP					NDP						287-1
2252.40	ccp	Sh/Clst: m gy	80	*	**	*	?			TR					20	*	*				295-1
2252.75	ccp	Sltst : pl y brn to dsk y brn	10							10					80						296-1
2279.00	cut	Sh/Clst: lt gy to drk gy	10							30					60						171-3
2330.00	cut	Sltst : brn gy	40	*	**	?				10	**	*			50	*	*				188-4
2390.00	cut	S/Sst : pl y brn	5	**	*					25	*				70	*	*				208-2
2411.00	cut	Sltst : brn gy to m drk gy	10	*	**					40	?	**	*		50	*	*	*			215-4

Table 7 : Visual Kerogen Composition Data for well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	L	A	L	S	C	D	I	S	I	M	S	V	C	V	A	B	Sample						
			I	m	i	p	u	R	A	n	c	B	I	T	e	l	D	r							
			P	o	p	/	t	e	l	n	c	B	I	T	e	l	D	r							
			T	r	D	P	i	s	g	o	r	t	R	s	F	D	r	e							
			%	L	t	l	l	n	e	l	t	L	%	n	s	t	n	o	I	%	n	n	t	V	V
2468.00	cut	Coal : blk	10											30						60					234-1
2489.00	cut	Coal : blk	10											25						65					241-1
2519.00	cut	Sh/Clst: blk to m gy	10	**	*									30	*	**				60	*	*	**		251-4

Table 8 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
2006.00	cut	Sh/Clst: brn blk	7.33	18.82	33.90	39.95	4.29	116-1L
2036.00	cut	Sh/Clst: brn blk	5.55	12.72	30.45	51.28	11.27	126-1L
2054.00	cut	Sh/Clst: brn blk	4.46	15.94	32.30	47.31	10.63	132-1L
2075.00	cut	Sh/Clst: brn blk	5.51	17.41	31.29	45.80	20.06	139-1L
2121.25	ccp	Coal : blk	9.94	24.18	25.04	40.84	157.45	282-1L
2190.70	ccp	S/Sst : pl y brn	2.83	27.18	54.91	15.09	0.77	299-1L
2193.20	ccp	S/Sst : drk y brn	3.73	18.48	36.34	41.45	0.94	283-1L
2195.76	ccp	S/Sst : pl y brn	4.35	26.97	47.45	21.23	0.93	284-1L
2208.00	ccp	Sh/Clst: brn blk	4.44	13.15	25.58	56.85	49.40	286-1L
2211.50	ccp	S/Sst : pl y brn	3.61	27.80	45.38	23.21	2.07	287-1L
2219.75	ccp	S/Sst : pl y brn	2.62	17.20	34.07	46.11	1.36	288-1L
2221.25	ccp	S/Sst : pl y brn	7.48	18.30	28.01	46.21	3.00	289-1L
2244.50	ccp	S/Sst : drk y brn	2.75	13.88	31.28	52.09	1.70	292-1L
2246.25	ccp	S/Sst : drk y brn to pl y brn	3.99	34.83	46.41	14.77	0.24	293-1L
2252.40	ccp	Sh/Clst: m gy	3.74	9.34	32.79	54.14	29.78	295-1L

Table 8 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 7120/8-1

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
2252.75	ccp	Sltst : pl y brn to dsk y brn	3.74	19.32	34.92	42.02	3.11	296-1L
2261.60	ccp	S/Sst : pl y brn	3.91	19.27	33.75	43.08	1.32	297-1L
2266.75	ccp	S/Sst : drk y brn to pl y brn	6.19	25.14	33.77	34.91	1.03	298-1L
2273.00	cut	S/Sst : lt ol gy	5.88	20.12	33.00	41.00	1.07	169-3L
2279.00	cut	Sh/Clst: lt gy to drk gy	11.17	24.16	41.94	22.73	2.69	171-3L
2327.00	cut	S/Sst : pl y brn	5.84	19.83	34.88	39.45	1.37	187-1L
2345.00	cut	S/Sst : pl y brn	10.65	35.25	38.38	15.72	0.88	193-5L
2390.00	cut	S/Sst : pl y brn	9.52	21.66	44.23	24.59	4.61	208-2L
2411.00	cut	Sltst : brn gy to m drk gy	7.86	13.25	35.04	43.85	16.72	215-4L
2489.00	cut	Coal : blk	11.93	18.14	24.97	44.95	175.40	241-1L
2519.00	cut	Sh/Clst: blk to m gy	10.59	22.12	34.53	32.76	7.47	251-4L
2609.00	cut	Sh/Clst: blk	17.59	36.28	31.60	14.53	27.12	280-1L

Table 9: Variation in Triterpane Distribution for Well NOCS 7120/8-1

Depth unit of measure: m

Depth	Lithology	B/A	B/B+A	B		C/E	C/C+E	X/E	Z/E	Z/C	Z/Z+E	Q/E	E/E+F	C+D		J1		Sample
				B+E+F										C+D+E+F	D+F/C+E	J1+J2%		
2075.00	Sh/Clst	2.94	0.75	0.19		0.53	0.35	0.07	0.10	0.19	0.09	0.03	0.89	0.35	0.13	56.84	139-1	
2190.70	S/Sst	1.00	0.50	0.11		0.49	0.33	0.13	0.05	0.10	0.04	0.03	0.89	0.33	0.12	59.09	299-1	
2193.20	S/Sst	0.89	0.47	0.12		0.41	0.29	0.13	0.04	0.10	0.04	0.05	0.91	0.30	0.11	60.00	283-1	
2195.76	S/Sst	0.83	0.45	0.11		0.47	0.32	0.13	0.04	0.09	0.04	0.05	0.90	0.32	0.11	60.49	284-1	
2208.00	Sh/Clst	0.73	0.42	0.17		0.52	0.34	0.15	0.05	0.10	0.05	0.07	0.89	0.35	0.12	56.86	286-1	
2211.50	S/Sst	0.66	0.40	0.12		0.44	0.31	0.14	0.03	0.08	0.03	0.06	0.91	0.31	0.10	56.16	287-1	
2246.25	S/Sst	0.54	0.35	0.12		0.51	0.34	0.21	0.09	0.18	0.09	0.07	0.90	0.34	0.11	61.90	293-1	
2252.40	Sh/Clst	1.02	0.51	0.17		0.51	0.34	0.09	0.04	0.08	0.04	0.03	0.89	0.34	0.12	58.18	295-1	
2261.60	S/Sst	0.57	0.36	0.12		0.48	0.32	0.19	0.08	0.17	0.08	0.06	0.90	0.32	0.11	58.02	297-1	
2266.75	S/Sst	0.78	0.44	0.10		0.40	0.28	0.17	0.13	0.32	0.11	0.08	0.91	0.29	0.11	57.47	298-1	
2273.00	S/Sst	0.88	0.47	0.13		0.45	0.31	0.10	0.04	0.09	0.04	0.05	0.89	0.32	0.14	60.00	169-3	
2390.00	S/Sst	1.03	0.51	0.15		0.52	0.34	0.08	0.05	0.10	0.05	0.05	0.88	0.35	0.15	59.38	208-2	
2609.00	Sh/Clst	11.00	0.92	0.24		0.73	0.42	0.09	0.03	0.04	0.03	0.01	0.87	0.41	0.13	56.79	280-1	

Table 10: Variation in Sterane Distribution for Well NOCS 7120/8-1

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Ratio3</u>	<u>Ratio4</u>	<u>Ratio5</u>	<u>Ratio6</u>	<u>Ratio7</u>	<u>Sample</u>
2075.00	Sh/Clst	0.72	54.61	67.10	0.98	0.65	0.29	0.22	139-1
2190.70	S/Sst	0.72	55.38	75.47	0.72	0.74	0.15	0.12	299-1
2193.20	S/Sst	0.74	53.48	73.67	0.86	0.72	0.19	0.14	283-1
2195.76	S/Sst	0.75	52.67	73.64	0.86	0.73	0.21	0.16	284-1
2208.00	Sh/Clst	0.71	51.76	71.76	1.05	0.71	0.54	0.46	286-1
2211.50	S/Sst	0.75	54.69	75.10	0.94	0.73	0.22	0.17	287-1
2246.25	S/Sst	0.78	54.08	75.86	0.92	0.74	0.22	0.17	293-1
2252.40	Sh/Clst	0.72	51.61	70.48	0.99	0.70	0.45	0.39	295-1
2261.60	S/Sst	0.78	55.66	76.55	0.97	0.75	0.20	0.15	297-1
2266.75	S/Sst	0.76	52.27	76.09	0.72	0.75	0.19	0.15	298-1
2273.00	S/Sst	0.71	48.23	72.94	1.12	0.74	0.17	0.13	169-3
2390.00	S/Sst	0.67	52.05	73.93	1.00	0.73	0.21	0.15	208-2
2609.00	Sh/Clst	0.57	47.79	67.15	0.43	0.68	0.10	0.08	280-1

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: $u + v / u + v + i + m + n + q + r + s + t$

Table 11: Aromatisation of Steranes for Well NOCS 7120/8-1

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Sample</u>
2075.00	Sh/Clst	0.57	0.84	139-1
2190.70	S/Sst	0.62	0.75	299-1
2193.20	S/Sst	0.62	0.79	283-1
2195.76	S/Sst	0.59	0.77	284-1
2208.00	Sh/Clst	0.63	0.58	286-1
2211.50	S/Sst	0.55	0.84	287-1
2246.25	S/Sst	0.54	0.78	293-1
2252.40	Sh/Clst	0.51	0.60	295-1
2261.60	S/Sst	0.54	0.84	297-1
2266.75	S/Sst	0.58	0.82	298-1
2273.00	S/Sst	0.44	0.84	169-3
2390.00	S/Sst	0.45	0.84	208-2
2609.00	Sh/Clst	0.23	1.00	280-1

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

$$\text{Ratio2: } \text{g1} / \text{g1} + \text{I1}$$

Table 12: Variation in Triaromatic Sterane Distribution for Well NOCS 7120/8-1

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Sample
2075.00	Sh/Clst	0.44	0.49	0.22	0.20	0.26	139-1
2190.70	S/Sst	0.65	0.68	0.43	0.38	0.53	299-1
2193.20	S/Sst	0.61	0.69	0.41	0.33	0.49	283-1
2195.76	S/Sst	0.63	0.67	0.40	0.34	0.49	284-1
2208.00	Sh/Clst	0.82	0.84	0.69	0.64	0.76	286-1
2211.50	S/Sst	0.52	0.59	0.35	0.27	0.45	287-1
2246.25	S/Sst	0.56	0.65	0.37	0.29	0.46	293-1
2252.40	Sh/Clst	0.79	0.81	0.61	0.56	0.73	295-1
2261.60	S/Sst	0.56	0.64	0.40	0.31	0.49	297-1
2266.75	S/Sst	0.63	0.68	0.44	0.37	0.54	298-1
2273.00	S/Sst	0.52	0.56	0.32	0.26	0.43	169-3
2390.00	S/Sst	0.56	0.63	0.39	0.32	0.50	208-2
2609.00	Sh/Clst	0.79	0.75	0.53	0.54	0.66	280-1

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 7120/8-1

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Ratio3</u>	<u>Ratio4</u>	<u>Sample</u>
2075.00	Sh/Clst	0.28	0.19	0.17	0.13	139-1
2190.70	S/Sst	0.22	0.25	0.12	0.12	299-1
2193.20	S/Sst	0.22	0.25	0.12	0.12	283-1
2195.76	S/Sst	0.24	0.33	0.13	0.15	284-1
2208.00	Sh/Clst	0.76	0.56	0.67	0.45	286-1
2211.50	S/Sst	0.32	0.34	0.18	0.17	287-1
2246.25	S/Sst	0.43	0.44	0.26	0.24	293-1
2252.40	Sh/Clst	0.74	0.49	0.62	0.36	295-1
2261.60	S/Sst	0.45	0.39	0.26	0.23	297-1
2266.75	S/Sst	0.44	0.41	0.26	0.23	298-1
2273.00	S/Sst	0.25	0.31	0.14	0.14	169-3
2390.00	S/Sst	0.20	0.29	0.11	0.11	208-2
2609.00	Sh/Clst	-	-	-	-	280-1

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: 7120/8-1

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)
2211.50 +	NORDMELA	Sst (Asph)	310	S73	-	0.77	0.77	0.31
2221.25 +			370	S72	-	0.09	0.09	0
2252.75								
2252.40	NORDMELA	Clst: m gy	330	NR4	1.57	3.50	5.07	0.89
			340	NR2	tr	4.78	4.78	2.00
			345	NR5	tr	3.95	3.95	0.81
			350	NR1	tr	4.44	4.44	1.55
			360	NR3	-	10.48	10.48	3.33

Table 15: Rock-Eval table for well 7120/8-1 HYPY

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
330		NORDMELA Clst	0.15	25.00	0.42	59.52	4.06	616	10	25.1	0.01	444	001-0B
340		2252.40	0.15	22.54	0.41	54.98	3.99	565	10	22.7	0.01	445	002-0B
345			0.17	24.62	0.29	84.90	4.12	598	7	24.8	0.01	445	003-0B
350			0.12	25.18	0.35	71.94	4.21	598	8	25.3	-	446	004-0B
360			0.34	16.46	0.45	36.58	3.39	486	13	16.8	0.02	446	005-0B

Table 16a: Weight of EOM and Chromatographic Fraction for well 7120/8-1 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	31.5	3.6	4.5	1.3	22.1	8.1	23.4	4.06	001-0B
340	NORDMELA	9.0	43.0	6.4	8.4	7.0	21.2	14.8	28.2	3.99	002-0B
345	Clst 2252.40	7.4	29.1	4.2	6.3	3.9	14.7	10.5	18.6	4.12	003-0B
350		9.0	40.0	6.4	7.8	7.6	18.2	14.2	25.8	4.21	004-0B
360		9.0	94.3	16.8	15.9	21.3	40.3	32.7	61.6	3.39	005-0B
310	NORDMELA	6.4	4.9	1.4	0.2	0.9	2.4	1.6	3.3	-	006-0B
370	Sst (Asph) 2211.50+2221.25+2252.75	12.8	1.1	0.2	0.2	0.1	0.6	0.4	0.7	-	007-0B

Table 16b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well 7120/8-1 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
330		3500	399	500	144	2455	900	2600	001-0B
340	NORDMELA	4777	711	933	777	2355	1644	3133	002-0B
345	Clst 2252.40	3932	567	851	527	1986	1418	2513	003-0B
350		4444	711	866	844	2022	1577	2866	004-0B
360		10477	1866	1766	2366	4477	3633	6844	005-0B
310	NORDMELA	765	218	31	140	375	250	515	006-0B
370	Sst (Asph) 2211.50+2221.25+2252.75	85	15	15	7	46	31	54	007-0B

Table 16c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well 7120/8-1 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
330		86.21	9.85	12.32	3.56	60.48	22.17	64.04	001-0B
340	NORDMELA	119.74	17.82	23.39	19.49	59.04	41.21	78.53	002-0B
	Clst								
345	2252.40	95.45	13.78	20.66	12.79	48.22	34.44	61.01	003-0B
350		105.57	16.89	20.59	20.06	48.03	37.48	68.09	004-0B
360		309.08	55.06	52.11	69.81	132.09	107.18	201.90	005-0B
310	NORDMELA	-	-	-	-	-	-	-	006-0B
	Sst (Asph)								
370	2211.50+2221.25+2252.75	-	-	-	-	-	-	-	007-0B

Table 16d: Composition of material extracted from the rock (%) for well 7120/8-1 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	Sat	Aro	Asph	NSO	HC	Non-HC	Sat	HC	Sample
		EOM	EOM	EOM	EOM	EOM	EOM	Aro	Non-HC	
330		11.43	14.29	4.13	70.16	25.71	74.29	80.00	34.62	001-0B
340	NORDMELA Clst	14.88	19.53	16.28	49.30	34.42	65.58	76.19	52.48	002-0B
345	2252.40	14.43	21.65	13.40	50.52	36.08	63.92	66.67	56.45	003-0B
350		16.00	19.50	19.00	45.50	35.50	64.50	82.05	55.04	004-0B
360		17.82	16.86	22.59	42.74	34.68	65.32	105.66	53.08	005-0B
310	NORDMELA Sst (Asph)	28.57	4.08	18.37	48.98	32.65	67.35	700.00	48.48	006-0B
370	2211.50+2221.25+2252.75	18.18	18.18	9.09	54.55	36.36	63.64	100.00	57.14	007-0B

Table 17: Saturated Hydrocarbon Ratios for well 7120/8-1 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	Pristane	Pristane	Pristane + Phytane	Phytane	CPI	Sample
		nC17	Phytane	nC17 + nC18	nC18		
330		0.28	2.14	0.22	0.15	1.14	001-0B
340	NORDMELA	0.17	2.01	0.13	0.09	1.08	002-0B
345	Sst (Asph) 2211.50+2221.25+2252.75	0.26	2.06	0.20	0.14	1.09	003-0B
350		0.23	2.06	0.18	0.12	1.10	004-0B
360		0.15	1.36	0.13	0.11	1.08	005-0B
310	NORDMELA	0.53	1.52	0.41	0.30	1.12	006-0B
370	Clst 2252.40	0.31	0.87	0.28	0.26	0.91	007-0B

Table 18: Aromatic Hydrocarbon Ratios for well 7120/8-1 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		1.39	3.50	0.24	0.96	0.75	0.78	0.36	10.58	2.92	001-0B
340	NORDMELA	1.27	3.26	0.19	0.94	0.75	0.77	0.36	12.79	3.43	002-0B
345	Clst 2252.40	1.47	-	0.24	0.92	0.72	0.75	0.32	8.66	2.76	003-0B
350		1.28	3.43	0.21	0.92	0.72	0.75	0.32	16.71	4.04	004-0B
360		1.41	3.37	0.21	0.94	0.76	0.78	0.37	13.17	3.63	005-0B
310	NORDMELA	-	-	-	0.97	0.91	0.82	0.64	4.73	3.31	006-0B
370	Sst (Asph) 2211.50+2221.25+2252.75	-	-	-	0.94	0.68	0.67	0.33	4.08	2.12	007-0B

Table 19: Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well 7120/8-1 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
330	NORDMELA Clst	4.16	14.78	34.47	46.60	-	001-0B
340	2252.40	4.41	17.77	35.63	42.03	-	002-0B
345		4.56	15.43	40.15	39.85	-	003-0B
350		4.42	17.14	38.24	40.20	-	004-0B
360		4.65	19.81	36.33	39.21	-	005-0B

Table 20: Variation in Triterpane Distribution for Well 7120/8-1 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	B/A	B/B+A	B		C/E	C/C+E	X/E	Z/E	Z/C	Z/Z+E	Q/E	E/E+F	C+D		J1		Sample
				B+E+F										C+D+E+F	D+F/C+E	J1+J2%		
330		2.52	0.72	0.24		0.83	0.45	-	-	-	-	0.04	0.77	0.44	0.26	55.93		001-0
340	NORDMELA Clst	5.33	0.84	0.31		1.10	0.52	-	-	-	-	0.02	0.75	0.51	0.29	56.90		002-0
345	2252.40	2.57	0.72	0.25		0.81	0.45	-	-	-	-	0.03	0.83	0.45	0.21	57.14		003-0
350		3.33	0.77	0.27		1.07	0.52	-	-	-	-	0.04	0.79	0.51	0.24	57.14		004-0
360		6.47	0.87	0.35		1.28	0.56	-	-	-	-	0.01	0.75	0.54	0.27	56.14		005-0
310	NORDMELA Sst (Asph)	1.71	0.63	0.18		0.58	0.37	0.10	-	-	-	0.10	0.88	0.36	0.12	62.12		006-0
370	2211.50 + 2221.25 + 2252.75	2.07	0.67	0.23		0.85	0.46	0.10	-	-	-	0.12	0.85	0.46	0.18	56.34		007-0

Table 21: Variation in Sterane Distribution for Well 7120/8-1 HYPV

Depth unit of measure: m

Temp (°C)	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Sample
330		0.64	46.94	59.95	0.87	0.61	0.44	0.40	001-0
340	NORDMELA	0.59	52.15	58.61	0.80	0.58	0.36	0.34	002-0
	Clst								
345	2252.40	0.66	51.59	63.06	0.93	0.62	0.41	0.38	003-0
350		0.63	50.00	61.19	0.83	0.61	0.40	0.37	004-0
360		0.53	52.51	59.37	0.77	0.58	0.33	0.31	005-0
310	NORDMELA	0.60	44.90	67.97	0.82	0.70	0.20	0.17	006-0
	Sst (Asph)								
370	2211.50 + 2221.25 + 2252.75	0.63	46.33	69.95	0.84	0.72	0.34	0.30	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 23: Aromatisation of Steranes for Well 7120/8-1 HYPY

Depth unit of measure: m

Temp (° C)	Lithology	Ratio1	Ratio2	Sample
330		-	1.00	001-0
340	NORDMELA	-	1.00	002-0
	Clst			
345	2252.40	-	1.00	003-0
350		-	1.00	004-0
360		-	1.00	005-0
310	NORDMELA	0.74	0.51	006-0
	Sst (Asph)			
370	2211.50 +	0.88	0.30	007-0
	2221.25 +			
	2252.75			

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

Ratio2: $g1 / g1 + I1$

Table 24: Variation in Triaromatic Sterane Distribution for Well 7120/8-1 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Sample
330		0.86	0.81	0.72	0.70	0.86	001-0
340	NORDMELA	0.87	0.86	0.74	0.68	0.87	002-0
	Clst						
345	2252.40	0.87	0.87	0.78	0.74	0.88	003-0
350		0.87	0.77	0.72	0.72	0.87	004-0
360		0.91	0.83	0.79	0.80	0.91	005-0
310	NORDMELA	0.62	0.69	0.42	0.37	0.48	006-0
	Sst (Asph)						
370	2211.50 + 2221.25 + 2252.75	0.66	0.52	0.53	0.53	0.75	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

Table 23: Variation in Monoaromatic Sterane Distribution for Well 7120/8-1 HYPY

Depth unit of measure: m

Temp (°C)	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Sample
330		1.00	1.00	1.00	1.00	001-0
340	NORDMELA	1.00	1.00	1.00	1.00	002-0
	Clst					
345	2252.40	1.00	1.00	1.00	1.00	003-0
350		1.00	1.00	1.00	1.00	004-0
360		1.00	1.00	1.00	1.00	005-0
310	NORDMELA	0.42	0.40	0.27	0.24	006-0
	Sst (Asph)					
370	2211.50 +	0.42	0.35	0.25	0.18	007-0
	2221.25 +					
	2252.75					

Ratio1: A1 / A1 + E1
 Ratio2: B1 / B1 + E1

Ratio3: A1 / A1 + E1 + G1
 Ratio4: A1+B1 / A1+B1+Cl+D1+E1+F1+G1+H1+I1