

#	Sample ID	Seam #	Sampled depth, m		Sample thickness, m	Random vitrinite reflectance, %	Liptinite, %		Vitrinite, %				Inertinite, %						Total (mmf), %	
			depth, from	depth, to			Sporinite	Cutinite	Telovitrinite subgroup		Detrovitrinite subgroup		Fusinite	Semifusinite	Funginite	Secretinite	Macrinite	Micrinite		Inertodetrinite
									Telinite	Collotelonite	Vitrodetrinite	Colloiddetrinite								
1	NS-1	XIIa	93.7	94.7	1.0	0.61	1.5	5.6	3.7	37.8	1.7	38.0	3.0	0.8		2.3	2.0	0.4	3.2	100.0
2	NS-2-4	XII	98.5	101.5	3.0		1.1	2.9	0.9	18.9	0.9	43.7	10.0	2.6		2.8	6.3	3.1	6.8	100
3	NS-5-7	XII	101.5	104.5	3.0	0.66	2.1	3.0	3.2	38.7	0.6	33.0	3.4	2.8	1.0	1.5	6.0	0.8	4.9	100
4	NS-8-10	XII	104.5	107.5	3.0		0.6	2.4	0.8	27.0	0.2	30.5	11.4	3.7		3.9	6.5	0.6	12.4	100
5	NS-11-13	XII	107.5	110.1	2.6	0.66	0.7	3.2	1.3	40.7	0.5	39.5	6.7	0.7		0.3	1.7		4.7	100
6	NS-14-16	XI	111.1	113.5	2.4	0.66	0.9	4.7	2.9	30.2		45.1	3.9	2.2		0.7	1.7	0.3	7.4	100
7	NS-17-18	XI	113.5	115.7	2.2		1.0	3.1	1.6	32.2	0.5	41.2	5.1	4.1		1.0	4.1	1.5	4.6	100
8	NS-19-20	XI	115.7	117.5	1.8	0.70	0.9	2.3	0.5	22.4	0.2	48.9	7.0	3.9		2.1	6.7	1.6	3.5	100
9	NS-21-23	X	126.2	131.5	5.3		0.6	3.1	1.1	22.3	0.2	50.3	5.5	1.5		1.9	6.7	2.8	4.0	100
10	NS-24-25	X	131.5	133.5	2.0	0.65	0.8	4.3	1.3	36.0		46.2	1.7	1.7		1.3	2.3	1.3	3.1	100
11	NS-26-27	X	133.5	135.2	1.7		1.0	3.2	0.5	38.5	0.5	47.2	0.7	1.0		0.3	1.7	1.7	3.7	100
12	NS-33-35	IX	149.5	152.5	3.0	0.69	0.7	2.3	0.2	20.5	0.5	47.6	10.5	2.3		1.2	1.4	6.7	6.1	100
13	NS-36-38	VIII	153.4	156.5	3.1	0.67	1.2	2.9	1.5	36.0		40.1	6.6	1.5		2.1	2.3	2.1	3.7	100
14	NS-39-41	VIII	156.6	159.2	2.6		2.2	2.9	1.5	36.7		41.8	3.2	2.2		2.9	2.2	1.2	3.2	100
15	NS-42-44	VII	169.5	172.5	3.0		0.7	3.4	0.2	31.7		44.4	5.4	3.2		2.7	2.7	2.2	3.4	100
16	NS-45-47	VII	172.5	175.6	3.1	0.70	1.0	2.9	0.5	32.4		40.0	7.1	4.5		1.7	2.1	2.1	5.7	100
17	NS-48-51	VII	210	233.4	3.2		2.8	2.0	1.7	33.3	0.3	42.4	6.8	2.5		2.0	0.3		5.9	100
18	NS-52-54	VI	244.8	247.2	2.4	0.73	1.3	3.3	0.2	29.4		42.3	6.9	5.8		1.8	2.7	2.7	3.6	100
19	NS-57-59	V	446.5	449.5	3.0	0.66	1.3	1.1		22.3		41.2	12.1	6.6		1.7	3.1	3.3	7.3	100
20	NS-60-62	V	453.1	456.1	3.0		0.3	2.6		14.3		48.3	10.7	6.4		3.6	3.8	4.5	5.5	100
21	NS-64-66	V	459.1	461.8	2.7		1.2	2.0	0.2	14.6		43.9	8.8	12.0		3.6	5.4	2.7	5.6	100
22	NS-67-69	V	461.8	465.4	3.1		1.3	3.3		9.5		52.7	9.5	11.3		1.7	6.7	2.0	2.0	100
23	NS-70-72	V	467.1	470.1	3.0	0.80	0.7	4.2	0.2	28.1		48.1	7.0	2.1		1.3	4.2	1.5	2.6	100
24	NS-73-75	V	470.1	474.1	3.0		1.1	2.4		27.0		36.8	10.2	4.4		3.6	5.4	4.0	5.1	100
25	NS-76-78	V	474.1	478	3.2		1.0	4.0	0.3	22.1		40.6	14.9	6.2		1.5	4.7	1.2	3.5	100
26	NS-79-81	V	478.5	483.7	3.5	0.84	0.5	5.2		16.0		41.0	14.2	5.4		2.3	11.3	1.8	2.3	100
27	NS-82-84	V	484.1	488.1	4.0		0.7	3.1		16.8	0.3	45.0	9.6	7.2		2.4	8.4	1.9	4.6	100
28	NS-85-86	V	488.1	490.1	2.0	0.81	0.8	3.6		18.5		36.0	11.1	4.6		3.6	10.3	4.8	6.7	100
29	NS-87-88	V	490.1	493.1	3.0	0.77	1.7	4.9		20.5		42.1	9.4	6.8		2.4	4.9	1.7	5.6	100
min					1.0	0.61	0.3	1.1	0.2	9.5	0.2	30.5	0.7	0.7	1.0	0.3	0.3	0.3	2.0	100.0
max					5.3	0.84	2.8	5.6	3.7	40.7	1.7	52.7	14.9	12.0	1.0	3.9	11.3	6.7	12.4	100.0
median					3.0	0.7	1.0	3.1	0.9	27.0	0.5	42.3	7.0	3.7	1.0	2.0	4.1	1.9	4.6	100.0

#	Sample ID	Seam #	Sampled depth, m		Sample thickness, m	Random vitrinite reflectance, %	Liptinite, %		Vitrinite, %				Inertinite, %						Total organic, %	
			depth, from	depth, to			Sporinite	Cutinite	Telovitrinite subgroup		Detrovitrinite subgroup		Fusinite	Semifusinite	Funginite	Secretinite	Macrinite	Micrinite		Inertodetrinite
									Teinite	Collotelonite	Vitrodetrinite	Colloiderinite								
1	NS-1	XIIa	93.7	94.7	1.0	0.61	1.3	4.8	3.2	32.6	1.5	33.0	2.6	0.6		2.0	1.7	0.4	2.8	86.5
2	NS-2-4	XII	98.5	101.5	3.0		0.8	2.2	0.7	14.3	0.7	33.1	7.6	1.9		2.2	4.7	2.4	5.2	75.8
3	NS-5-7	XII	101.5	104.5	3.0	0.66	1.9	2.8	3.0	35.8	0.6	30.5	3.1	2.6		1.4	5.6	0.7	4.5	92.5
4	NS-8-10	XII	104.5	107.5	3.0		0.6	2.2	0.7	24.5	0.2	27.7	10.3	3.3		3.5	5.9	0.6	11.3	90.8
5	NS-11-13	XII	107.5	110.1	2.6	0.66	0.7	2.8	1.0	35.6	0.4	34.5	5.8	0.7		0.2	1.5		4.1	87.3
6	NS-14-16	XI	111.1	113.5	2.4	0.66	0.9	4.1	2.6	26.5		39.7	3.5	1.9		0.6	1.5	0.2	6.5	88.0
7	NS-17-18	XI	113.5	115.7	2.2		0.9	2.6	1.3	26.6	0.4	34.1	4.3	3.4		0.8	3.4	1.3	3.8	82.9
8	NS-19-20	XI	115.7	117.5	1.8	0.70	0.9	2.1	0.4	20.4	0.2	44.6	6.4	3.6		1.9	6.1	1.5	3.2	91.3
9	NS-21-23	X	126.2	131.5	5.3		0.5	2.6	1.0	19.1	0.2	42.9	4.7	1.3		1.6	5.7	2.4	3.4	85.4
10	NS-24-25	X	131.5	133.5	2.0	0.65	0.7	4.0	1.2	33.7		43.2	1.7	1.7		1.2	2.1	1.2	2.9	93.6
11	NS-26-27	X	133.5	135.2	1.7		0.8	2.7	0.4	32.2	0.4	39.4	0.6	0.8		0.2	1.5	1.5	3.1	83.6
12	NS-33-35	IX	149.5	152.5	3.0	0.69	0.6	2.1	0.2	18.5	0.4	43.1	9.5	2.1		1.1	1.3	6.1	5.5	90.5
13	NS-36-38	VIII	153.4	156.5	3.1	0.67	1.1	2.4	1.2	29.9		33.3	5.5	1.2		1.7	1.9	1.7	3.1	83.0
14	NS-39-41	VIII	156.6	159.2	2.6		2.0	2.6	1.3	32.8		37.4	2.8	2.0		2.6	2.0	1.1	2.8	89.4
15	NS-42-44	VII	169.5	172.5	3.0		0.6	3.2	0.2	30.0		42.1	5.1	3.0		2.6	2.6	2.1	3.2	94.7
16	NS-45-47	VII	172.5	175.6	3.1	0.70	0.9	2.6	0.4	28.8		35.7	6.4	4.0		1.5	1.9	1.9	5.1	89.2
17	NS-48-51	VII	210	233.4	3.2		2.4	1.7	1.4	28.4	0.2	36.1	5.7	2.2		1.7	0.2		5.1	85.1
18	NS-52-54	VI	244.8	247.2	2.4	0.73	1.2	3.1	0.2	26.7		38.5	6.3	5.3		1.6	2.4	2.4	3.2	90.9
19	NS-57-59	V	446.5	449.5	3.0	0.66	1.3	1.1		21.2		39.3	11.6	6.3		1.7	2.9	3.1	6.9	95.4
20	NS-60-62	V	453.1	456.1	3.0		0.3	2.4		13.4		45.4	10.1	6.0		3.3	3.6	4.3	5.1	93.9
21	NS-64-66	V	459.1	461.8	2.7		1.2	1.9	0.2	13.9		41.6	8.3	11.4		3.5	5.1	2.5	5.3	94.9
22	NS-67-69	V	461.8	465.4	3.1		1.1	2.9		8.5		47.3	8.5	10.1		1.6	6.1	1.8	1.8	89.7
23	NS-70-72	V	467.1	470.1	3.0	0.80	0.6	3.6	0.2	24.2		41.5	6.1	1.8		1.1	3.6	1.4	2.2	86.3
24	NS-73-75	V	470.1	474.1	3.0		1.0	2.2		24.0		32.7	9.1	4.0		3.2	4.8	3.6	4.5	89.1
25	NS-76-78	V	474.1	478	3.2		0.9	3.7	0.3	20.6		37.8	13.9	5.8		1.4	4.4	1.2	3.3	93.3
26	NS-79-81	V	478.5	483.7	3.5	0.84	0.5	4.5		14.1		36.3	12.5	4.7		2.1	10.0	1.6	2.1	88.4
27	NS-82-84	V	484.1	488.1	4.0		0.6	2.9		15.8	0.3	42.3	9.1	6.8		2.3	7.9	1.8	4.3	94.1
28	NS-85-86	V	488.1	490.1	2.0	0.81	0.8	3.5		17.8		34.8	10.7	4.5		3.5	9.9	4.6	6.5	96.6
29	NS-87-88	V	490.1	493.1	3.0	0.77	1.5	4.6		19.0		39.0	8.7	6.3		2.2	4.6	1.5	5.2	92.6
min					1.0	0.61	0.3	1.1	0.2	8.5	0.2	27.7	0.6	0.6	0.0	0.2	0.2	0.2	1.8	75.8
max					5.3	0.84	2.4	4.8	3.2	35.8	1.5	47.3	13.9	11.4	0.0	3.5	10.0	6.1	11.3	96.6
median					3.0	0.7	0.9	2.7	0.7	24.2	0.4	38.5	6.4	3.3		1.7	3.6	1.7	4.1	89.7

#	Sample ID	Seam #	Sampled depth, m		Sample thickness, m	Random vitrinite reflectance, %	Mineral matter, %					Total minerals, %	Liptinite, %	Vitrinite, %	Inertinite, %	Total, %	Liptinite, %	Vitrinite, %	Inertinite, %	Mineral matter, %	Total, %
			depth, from	depth, to			Clays	Silicates	Carbonates	Sulphides	Others										
1	NS-1	XIIa	93.7	94.7	1.0	0.61	5.4	1.0	4.5	2.6		13.5	7.1	81.2	11.7	100.0	6.1	70.3	10.1	13.5	100.0
2	NS-2-4	XII	98.5	101.5	3.0		6.7	3.3	8.2	6.0		24.2	4.0	64.4	31.6	100.0	3.0	48.8	24.0	24.2	100.0
3	NS-5-7	XII	101.5	104.5	3.0	0.66	0.8	0.4	5.3	1.0		7.5	5.1	75.5	20.4	101.0	4.7	69.9	17.9	7.5	100.0
4	NS-8-10	XII	104.5	107.5	3.0			0.4	7.5	1.3		9.2	3.0	58.5	38.5	100.0	2.8	53.1	34.9	9.2	100.0
5	NS-11-13	XII	107.5	110.1	2.6	0.66	3.6	1.7	5.2	2.2		12.7	3.9	82.0	14.1	100.0	3.5	71.5	12.3	12.7	100.0
6	NS-14-16	XI	111.1	113.5	2.4	0.66	2.6	3.6	3.9	1.9		12.0	5.6	78.2	16.2	100.0	5.0	68.8	14.2	12.0	100.0
7	NS-17-18	XI	113.5	115.7	2.2		8.1	2.6	4.5	1.7	0.2	17.1	4.1	75.5	20.4	100.0	3.5	62.4	17.0	17.1	100.0
8	NS-19-20	XI	115.7	117.5	1.8	0.70	4.7	0.2	2.1	1.5	0.2	8.7	3.2	72.0	24.8	100.0	3.0	65.6	22.7	8.7	100.0
9	NS-21-23	X	126.2	131.5	5.3		9.6	0.5	3.2	1.3		14.6	3.7	73.9	22.4	100.0	3.1	63.2	19.1	14.6	100.0
10	NS-24-25	X	131.5	133.5	2.0	0.65	1.4	1.0	2.6	1.4		6.4	5.1	83.5	11.4	100.0	4.7	78.1	10.8	6.4	100.0
11	NS-26-27	X	133.5	135.2	1.7		5.6	1.5	7.3	2.0		16.4	4.2	86.7	9.1	100.0	3.5	72.4	7.7	16.4	100.0
12	NS-33-35	IX	149.5	152.5	3.0	0.69	1.9	0.4	5.1	2.1		9.5	3.0	68.8	28.2	100.0	2.7	62.2	25.6	9.5	100.0
13	NS-36-38	VIII	153.4	156.5	3.1	0.67	3.8	1.7	5.8	5.7		17.0	4.1	77.6	18.3	100.0	3.5	64.4	15.1	17.0	100.0
14	NS-39-41	VIII	156.6	159.2	2.6		3.9	0.4	3.9	2.4		10.6	5.1	80.0	14.9	100.0	4.6	71.5	13.3	10.6	100.0
15	NS-42-44	VII	169.5	172.5	3.0		0.7	0.5	2.7	1.4		5.3	4.1	76.3	19.6	100.0	3.8	72.3	18.6	5.3	100.0
16	NS-45-47	VII	172.5	175.6	3.1	0.70	4.7	0.4	2.5	3.2		10.8	3.9	72.9	23.2	100.0	3.5	64.9	20.8	10.8	100.0
17	NS-48-51	VII	210	233.4	3.2		4.3	2.2	6.5	1.9		14.9	4.8	77.7	17.5	100.0	4.1	66.1	14.9	14.9	100.0
18	NS-52-54	VI	244.8	247.2	2.4	0.73	5.1	1.8	1.8	0.4		9.1	4.6	71.9	23.5	100.0	4.3	65.4	21.2	9.1	100.0
19	NS-57-59	V	446.5	449.5	3.0	0.66	0.4	1.3	2.9			4.6	2.4	63.5	34.1	100.0	2.4	60.5	32.5	4.6	100.0
20	NS-60-62	V	453.1	456.1	3.0		0.7	1.6	3.6	0.2		6.1	2.9	62.6	34.5	100.0	2.7	58.8	32.4	6.1	100.0
21	NS-64-66	V	459.1	461.8	2.7		0.9		3.7	0.5		5.1	3.2	58.7	38.1	100.0	3.1	55.7	36.1	5.1	100.0
22	NS-67-69	V	461.8	465.4	3.1		3.3	0.4	5.2	1.4		10.3	4.6	62.2	33.2	100.0	4.0	55.8	29.9	10.3	100.0
23	NS-70-72	V	467.1	470.1	3.0	0.80	5.4	0.7	7.6			13.7	4.9	76.4	18.7	100.0	4.2	65.9	16.2	13.7	100.0
24	NS-73-75	V	470.1	474.1	3.0		3.2	0.8	6.3	0.6		10.9	3.5	63.8	32.7	100.0	3.2	56.7	29.2	10.9	100.0
25	NS-76-78	V	474.1	478	3.2		0.2	0.5	5.8	0.2		6.7	5.0	63.0	32.0	100.0	4.6	58.7	30.0	6.7	100.0
26	NS-79-81	V	478.5	483.7	3.5	0.84	4.3	0.5	5.7	1.1		11.6	5.7	57.0	37.3	100.0	5.0	50.4	33.0	11.6	100.0
27	NS-82-84	V	484.1	488.1	4.0		0.7		4.1	0.2	0.2	5.9	3.8	62.1	34.1	100.0	3.5	58.4	32.2	5.9	100.0
28	NS-85-86	V	488.1	490.1	2.0	0.81		1.2	2.0	0.2		3.4	4.4	54.5	41.1	100.0	4.3	52.6	39.7	3.4	100.0
29	NS-87-88	V	490.1	493.1	3.0		0.8	2.0	4.4	0.2		7.4	6.6	62.6	30.8	100.0	6.1	58.0	28.5	7.4	100.0
min					1.0	0.61	0.2	0.2	1.8	0.2	0.2	3.4	2.4	54.5	9.1	100.0	2.4	48.8	7.7	3.4	100.0
max					5.3	0.84	9.6	3.6	8.2	6.0	0.2	24.2	7.1	86.7	41.1	101.0	6.1	78.1	39.7	24.2	100.0
median					3.0	0.7	3.6	0.9	4.5	1.4	0.2	10.3	4.1	72.0	23.5	100.0	3.5	63.2	21.2	10.3	100.0