

REPORT: Geochemical Data Report Well NOCS 34/7-18	
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Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
(μ l gas/kg rock)

Project: NOCS 34/7-18

Well: NOCS 34/7-18

Depth unit of measure: m

* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
1640.00	2354	69	12	20	9	33	2464	110	4.5	2.22
1660.00	5856	339	183	329	271	1108	6978	1122	16.1	1.21
1680.00	30427	4603	3243	4853	2338	5052	45464	15037	33.1	2.08
1700.00	3720	339	73	193	65	572	4390	670	15.3	2.97
1720.00	10615	475	64	164	57	329	11375	760	6.7	2.88
1740.00	5529	430	154	350	152	1007	6615	1086	16.4	2.30
1760.00	41617	1724	239	517	211	1082	44308	2691	6.1	2.45
1800.00	2584	166	31	63	19	53	2863	279	9.8	3.32
1820.00	4444	280	65	71	28	53	4888	444	9.1	2.54
1840.00	2472	163	60	63	33	109	2791	319	11.4	1.91
1860.00	3457	206	60	57	19	29	3799	342	9.0	3.00
1880.00	602	386	150	97	53	90	1288	686	53.3	1.83
1920.00	7094	680	329	132	120	45	8355	1261	15.1	1.10
1940.00	1685	175	160	63	81	63	2164	479	22.1	0.78
1960.00	2597	401	473	143	251	207	3865	1268	32.8	0.57
1980.00	2792	392	500	136	302	467	4122	1330	32.3	0.45
2000.00	513	67	119	41	73	278	813	300	36.9	0.56
2020.00	2146	264	243	49	111	72	2813	667	23.7	0.44
2040.00	928	123	175	46	116	186	1388	460	33.1	0.40
2060.00	3210	289	306	216	281	650	4302	1092	25.4	0.77
2080.00	2283	218	273	73	212	229	3059	776	25.4	0.34
2100.00	1373	177	283	98	261	818	2192	819	37.4	0.38
2120.00	2394	268	416	135	347	695	3560	1166	32.8	0.39

Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
(μ l gas/kg rock)

Project: NOCS 34/7-18

Well: NOCS 34/7-18

Depth unit of measure: m

* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
2160.00	10831	4860	8582	1649	4553	4163	30475	19644	64.5	0.36
2180.00	11553	2870	4558	1010	2800	2680	22791	11238	49.3	0.36
2200.00	7735	5778	9703	1176	3833	3030	28225	20490	72.6	0.31
2220.00	5825	2681	6306	1269	2727	2584	18808	12983	69.0	0.47
2240.00	6223	2734	4966	900	2562	2364	17385	11162	64.2	0.35
2260.00	7124	2326	3082	456	1360	1057	14348	7224	50.4	0.34
2300.00	2125	1245	831	80	175	151	4456	2331	52.3	0.46
2336.00	1188	180	253	52	137	160	1810	622	34.4	0.38
2390.00	19416	7182	5926	701	1714	990	34939	15523	44.4	0.41
2408.00	4279	1497	1697	267	474	267	8214	3935	47.9	0.56
2426.00	9081	3817	4915	674	1469	704	19956	10875	54.5	0.46
2435.00	7601	3069	4065	614	1274	694	16623	9022	54.3	0.48

Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
(μ l gas/kg rock)

Project: NOCS 34/7-18

Well: NOCS 34/7-18

Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
1640.00	37	4	3	5	6	155	55	18	32.7	0.83
1660.00	32	3	3	5	9	411	52	20	38.5	0.56
1680.00	65	23	164	178	388	2673	818	753	92.1	0.46
1700.00	18	1	1	1	1	31	22	4	18.2	1.00
1720.00	42	72	185	34	126	243	459	417	90.9	0.27
1740.00	34	4	10	2	27	552	77	43	55.8	0.07
1760.00	55	5	2	8	5	233	75	20	26.7	1.60
1800.00	27	3	2	7	4	63	43	16	37.2	1.75
1820.00	51	24	51	14	50	162	190	139	73.2	0.28
1840.00	43	12	69	36	156	1129	316	273	86.4	0.23
1860.00	58	15	29	7	34	139	143	85	59.4	0.21
1880.00	49	5	3	3	5	32	65	16	24.6	0.60
1920.00	57	10	13	8	15	36	103	46	44.7	0.53
1940.00	36	6	15	12	27	139	96	60	62.5	0.44
1960.00	46	10	31	20	57	155	164	118	72.0	0.35
1980.00	225	1123	2695	505	1362	863	5910	5685	96.2	0.37
2000.00	23	6	28	18	73	551	148	125	84.5	0.25
2020.00	30	7	21	9	36	74	103	73	70.9	0.25
2040.00	33	28	81	20	103	266	265	232	87.6	0.19
2060.00	24	6	31	18	86	502	165	141	85.5	0.21
2080.00	26	3	5	2	12	66	48	22	45.8	0.17
2100.00	12	3	12	7	39	644	73	61	83.6	0.18
2120.00	40	7	24	11	51	558	133	93	69.9	0.22

Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
(μ l gas/kg rock)

Project: NOCS 34/7-18
Well: NOCS 34/7-18

Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
2160.00	97	108	763	372	1469	6916	2809	2712	96.6	0.25
2180.00	82	53	420	247	910	4806	1712	1630	95.2	0.27
2200.00	63	83	873	499	1820	6538	3338	3275	98.1	0.27
2220.00	67	74	706	365	1366	4763	2578	2511	97.4	0.27
2240.00	85	103	661	264	1039	4010	2152	2067	96.1	0.25
2260.00	55	60	372	119	525	1217	1131	1076	95.1	0.23
2300.00	847	3832	7921	1299	3838	3395	17737	16890	95.2	0.34
2336.00	208	13	37	8	51	182	317	109	34.4	0.16
2390.00	252	632	1493	231	802	590	3410	3158	92.6	0.29
2408.00	73	183	849	162	632	556	1899	1826	96.2	0.26
2426.00	40	89	385	58	223	123	795	755	95.0	0.26
2435.00	64	100	470	74	318	279	1026	962	93.8	0.23

Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
(μ l gas/kg rock)

Project: NOCS 34/7-18

Well: NOCS 34/7-18

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 ---- nC4
1640.00	2391	73	15	25	15	188	2519	128	5.1	1.67
1660.00	5888	342	186	334	280	1519	7030	1142	16.2	1.19
1680.00	30492	4626	3407	5031	2726	7725	46282	15790	34.1	1.85
1700.00	3738	340	74	194	66	603	4412	674	15.3	2.94
1720.00	10657	547	249	198	183	572	11834	1177	10.0	1.08
1740.00	5563	434	164	352	179	1559	6692	1129	16.9	1.97
1760.00	41672	1729	241	525	216	1315	44383	2711	6.1	2.43
1800.00	2611	169	33	70	23	116	2906	295	10.2	3.04
1820.00	4495	304	116	85	78	215	5078	583	11.5	1.09
1840.00	2515	175	129	99	189	1238	3107	592	19.1	0.52
1860.00	3515	221	89	64	53	168	3942	427	10.8	1.21
1880.00	651	391	153	100	58	122	1353	702	51.9	1.72
1920.00	7151	690	342	140	135	81	8458	1307	15.5	1.04
1940.00	1721	181	175	75	108	202	2260	539	23.9	0.69
1960.00	2643	411	504	163	308	362	4029	1386	34.4	0.53
1980.00	3017	1515	3195	641	1664	1330	10032	7015	69.9	0.39
2000.00	536	73	147	59	146	829	961	425	44.2	0.40
2020.00	2176	271	264	58	147	146	2916	740	25.4	0.39
2040.00	961	151	256	66	219	452	1653	692	41.9	0.30
2060.00	3234	295	337	234	367	1152	4467	1233	27.6	0.64
2080.00	2309	221	278	75	224	295	3107	798	25.7	0.33
2100.00	1385	180	295	105	300	1462	2265	880	38.9	0.35

Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
(μ l gas/kg rock)

Project: NOCS 34/7-18

Well: NOCS 34/7-18

Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
2120.00	2434	275	440	146	398	1253	3693	1259	34.1	0.37
2160.00	10928	4968	9345	2021	6022	11079	33284	22356	67.2	0.34
2180.00	11635	2923	4978	1257	3710	7486	24503	12868	52.5	0.34
2200.00	7798	5861	10576	1675	5653	9568	31563	23765	75.3	0.30
2220.00	5892	2755	7012	1634	4093	7347	21386	15494	72.5	0.40
2240.00	6308	2837	5627	1164	3601	6374	19537	13229	67.7	0.32
2260.00	7179	2386	3454	575	1885	2274	15479	8300	53.6	0.31
2300.00	2972	5077	8752	1379	4013	3546	22193	19221	86.6	0.34
2336.00	1396	193	290	60	188	342	2127	731	34.4	0.32
2390.00	19668	7814	7419	932	2516	1580	38349	18681	48.7	0.37
2408.00	4352	1680	2546	429	1106	823	10113	5761	57.0	0.39
2426.00	9121	3906	5300	732	1692	827	20751	11630	56.1	0.43
2435.00	7665	3169	4535	688	1592	973	17649	9984	56.6	0.43

Table 2 : Lithology description for well NOCS 34/7-18

Depth unit of measure: m

Depth	Type		Lithology description	Trb	Sample
Int	Cvd	TOC%	%		
1640.00					0162
			50 Sh/Clst: dsk y gn to gn gy, slt		0162-1L
			30 Sh/Clst: pl brn to lt brn gy		0162-2L
			10 Cont : ns		0162-3L
			5 Cont : Mica-ad		0162-4L
			5 S/Sst : lt gy w to lt gy, pyr, glauc		0162-5L
			tr Cont : dd		0162-6L
			tr S/Sst : brn gy		0162-7L
1660.00					0163
			50 Sh/Clst: m y gn to dsk y gn to m gy, pyr		0163-1L
			45 Sh/Clst: brn gy to pl brn		0163-2L
			5 S/Sst : lt gy w		0163-3L
			tr Cont : Mica-ad		0163-4L
			tr Cont : dd		0163-5L
			tr Cont : ns		0163-6L
1680.00					0164
	0.52		65 Sltst : m gy to drk gy to lt gy w, cly		0164-1L
			15 Sh/Clst: m y gn to dsk y gn to gn gy, pyr		0164-2L
			10 Sh/Clst: brn gy to pl brn		0164-3L
			10 Cont : dd		0164-4L
			tr Cont : prp		0164-5L
1700.00					0165
			75 Sh/Clst: pl ol to gn gy, pyr		0165-1L
			10 Sltst : m gy to drk gy, cly		0165-2L
			5 Sh/Clst: pl brn		0165-3L
			5 Ca : w, pyr, f, chk		0165-4L
			5 Cont : dd		0165-5L

Table 2 : Lithology description for well NOCS 34/7-18

Depth unit of measure: m

Depth	Type	Trb	Sample
Int Cvd	TOC%		

	%	Lithology description	

1720.00			0166
		90 Sh/Clst: pl ol to gn gy to lt gy, pyr	0166-1L
		10 Cont : dd	0166-2L
		tr Cont : ns	0166-3L
1740.00			0167
		80 Sh/Clst: drk gn gy to pl ol to gn gy, pyr	0167-1L
		20 Cont : dd	0167-2L
		tr Sh/Clst: pl brn	0167-3L
1760.00			0168
	0.45	80 Sh/Clst: pl ol to lt gy, pyr	0168-1L
		10 Sh/Clst: dsk y gn	0168-2L
		5 Sh/Clst: lt gy to m gy, slt	0168-3L
		5 Cont : dd	0168-4L
		tr Cont : prp	0168-5L
1768.50 swc			0203
		60 Sh/Clst	0203-1L
		40 S/Sst : slt	0203-2L
1781.50 swc			0204
		70 S/Sst	0204-1L
		30 Sh/Clst	0204-2L
1783.00 swc			0205
		50 Sltst	0205-1L
		50 S/Sst	0205-2L

Table 2 : Lithology description for well NOCS 34/7-18

Depth unit of measure: m

Depth	Type		Trb	Sample
Int	Cvd	TOC%	%	Lithology description
1800.00				0169
			95	Sh/Clst: lt gy to m gy, slt
			5	S/Sst : lt gy w to lt gy, calc, f
			tr	Cont : prp
			tr	Cont : dd
				0169-1L
				0169-2L
				0169-3L
				0169-4L
1803.00	swc			0206
			100	S/Sst
				0206-1L
1820.00				0170
			90	Sh/Clst: lt gy to m gy, calc, slt
			10	Cont : dd
			tr	Ca : lt gy w, f, chk
				0170-1L
				0170-2L
				0170-3L
1840.00				0171
			95	Sh/Clst: lt gy to m gy to lt gn gy, calc,
				slt
			5	Cont : dd
			tr	Cont : prp
				0171-1L
				0171-2L
				0171-3L
1860.00				0172
			65	Sh/Clst: lt gy to m gy to lt gn gy to lt
				brn gy, calc, slt
			30	Cont : bar
			5	Cont : prp
			tr	Cont : dd
				0172-1L
				0172-2L
				0172-3L
				0172-4L

Table 2 : Lithology description for well NOCS 34/7-18

Depth unit of measure: m

Depth	Type	Trb	Sample	
Int Cvd	TOC%	%	Lithology description	
1880.00			0173	
	60	Sh/Clst:	lt gy to m gy to lt gn gy to lt brn gy, calc, slt	0173-1L
	30	Cont	: bar	0173-2L
	5	Cont	: prp	0173-3L
	5	Ca	: w, f, chk	0173-4L
1900.00			0174	
	100	Sh/Clst:	lt gy to m gy to drk gy, calc, pyr, slt	0174-1L
	tr	Cont	: bar	0174-2L
1920.00			0175	
	100	Sh/Clst:	lt gy to m gy to drk gy, calc, pyr, slt	0175-1L
	tr	Cont	: bar	0175-2L
	tr	Cont	: prp	0175-3L
1940.00			0176	
	100	Sh/Clst:	lt gy to m gy, calc, pyr, slt, st	0176-1L
1960.00			0177	
	85	Sh/Clst:	lt gy to m gy, calc, pyr, slt, st	0177-1L
	10	Cont	: bar	0177-2L
	5	Cont	: prp	0177-3L
	tr	Other	: dsk bl gn, fos, f	0177-4L

Table 2 : Lithology description for well NOCS 34/7-18

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
1980.00				0178
		100 Sh/Clst: m gy to drk gy, calc, slt, st		0178-1L
		tr Other : dsk bl gn, fos, f		0178-2L
		tr Cont : prp		0178-3L
2000.00				0179
		100 Sh/Clst: m gy to drk gy, calc, slt		0179-1L
		tr Cont : prp		0179-2L
2020.00				0180
		100 Sh/Clst: m gy to drk gy, calc, slt, st		0180-1L
		tr Other : dsk bl gn, fos, f		0180-2L
		tr Sh/Clst: pl brn		0180-3L
		tr Cont : prp		0180-4L
2040.00				0181
		100 Sh/Clst: lt gy to m gy to drk gy, calc,		0181-1L
		slt, st		
		tr Cont : prp		0181-2L
2060.00				0182
		95 Sh/Clst: lt gy to m gy to drk gy, calc,		0182-1L
		slt, st		
		5 Cont : bar		0182-2L
		tr Cont : prp		0182-3L
2080.00				0183
		80 Sh/Clst: lt gy to m gy to drk gy, calc,		0183-1L
		slt, st		
		10 Cont : bar		0183-2L
		5 Ca : w, crs, chk		0183-3L
		5 Cont : prp		0183-4L

Table 2 : Lithology description for well NOCS 34/7-18

Depth unit of measure: m

Depth	Type		Trb	Sample
Int	Cvd	TOC%	%	Lithology description
2100.00				0184
			100	Sh/Clst: lt gy to m gy, pyr, slt
			tr	Cont : bar
			tr	Cont : prp
				0184-1L
				0184-2L
				0184-3L
2120.00				0185
			90	Sh/Clst: lt gy to m gy, pyr, slt
			5	Ca : w, f, chk
			5	Cont : prp
			tr	Other : dsk bl gn, glauc
				0185-1L
				0185-2L
				0185-3L
				0185-4L
2140.00				0186
			70	Sh/Clst: lt gy to m gy, pyr, slt
			20	Sltst : lt gy w to lt gy, cly, mic
			5	Cont : prp
			5	Cont : brn gy, Coal-ad
				0186-1L
				0186-2L
				0186-3L
				0186-4L
2160.00				0187
	0.90		80	Sh/Clst: lt gy to m gy, pyr, slt
			20	Sltst : lt gy w to lt gy to ol gy, cly, st
			tr	Ca : w, f, chk
			tr	Other : brn gy, dol
				0187-1L
				0187-2L
				0187-3L
				0187-4L
2180.00				0188
			70	Sh/Clst: lt gy to m gy, pyr, slt
			20	Sltst : lt gy to lt gn gy to ol gy, cly
			10	Cont : prp
			tr	Cont : bar
				0188-1L
				0188-2L
				0188-3L
				0188-4L

Table 2 : Lithology description for well NOCS 34/7-18

Depth unit of measure: m

Depth	Type		Trb	Sample
Int Cvd	TOC%	% Lithology description		
2190.00	swc			0209
		70 Sh/Clst		0209-1L
		30 Sltst		0209-2L
2200.00				0189
	1.03	80 Sh/Clst: lt gy to m gy, pyr, slt		0189-1L
		15 Sltst : ol gy to lt gy, cly		0189-2L
		5 Other : brn gy, dol		0189-3L
		tr Cont : bar		0189-4L
2220.00				0190
		70 Sh/Clst: lt gy to m gy, pyr, slt		0190-1L
		20 Other : brn gy, dol		0190-2L
		10 Sltst : ol gy to lt gy, cly		0190-3L
		tr Cont : bar		0190-4L
		tr Cont : prp		0190-5L
2240.00				0191
		30 S/Sst : drk y brn to lt or, mic, f, l		0191-1L
		25 Sltst : lt gy, mic, l		0191-2L
		20 Sh/Clst: lt gy to m gy, pyr, slt		0191-3L
		20 Other : brn gy, dol		0191-4L
		5 Cont : prp		0191-5L
		tr Cont : bar		0191-6L
2260.00				0192
		75 Sh/Clst: m gy to drk gy, pyr, slt		0192-1L
		15 S/Sst : lt gy w to lt gy, mic, glauc, f		0192-2L
		5 Sltst : ol gy to lt gy w, mic		0192-3L
		5 Other : brn gy, dol		0192-4L
		tr Cont : prp		0192-5L

Table 2 : Lithology description for well NOCS 34/7-18

Depth unit of measure: m

Depth	Type	Trb	Sample
Int Cvd	TOC%		

	%	Lithology description	

2283.50	swc		0207
	100	S/Sst	0207-1L
2284.50	swc		0208
	100	S/Sst	0208-1L
2286.00	ccp		0159
	100	S/Sst : or gy to m y brn to lt or gy, mic, f, crs, st, l	0159-1L
	tr Cont	: lt brn gy, dd	0159-2L
	tr Cont	: prp	0159-3L
2288.00	ccp		0160
	100	S/Sst : m y brn to or gy to lt gy, mic, f, crs, st, l	0160-1L
	tr Coal	: blk	0160-2L
	tr Cont	: prp	0160-3L
2289.00	ccp		0161
	100	S/Sst : w to lt gy w to lt gy, mic, f, crs, hd, l, kln	0161-1L
	tr Coal	: blk	0161-2L
	tr Cont	: prp	0161-3L
2300.00			0193
	50	Sh/Clst: lt gy to gn gy, pyr, slt	0193-1L
	35	Sh/Clst: dsk brn, slt	0193-2L
	10	S/Sst : lt gn gy to lt gy, glauc, f	0193-3L
	5	Cont : bar	0193-4L
	tr Cont	: prp	0193-5L
	tr Cont	: blk, Coal-ad	0193-6L
	tr Other	: dsk bl gn, glauc	0193-7L
	tr Other	: brn gy, dol	0193-8L

Table 2 : Lithology description for well NOCS 34/7-18

Depth unit of measure: m

Depth	Type	Trb	Sample
Int Cvd	TOC%	%	Lithology description
2318.00			0194
		70 Cont	: f, bar 0194-1L
		20 S/Sst	: w, pyr, crs, l 0194-2L
		5 Sh/Clst:	lt gy to gn gy, pyr, slt 0194-3L
		5 Sh/Clst:	dsk brn to blk, slt 0194-4L
		tr Cont	: prp 0194-5L
2336.00			0195
		50 S/Sst	: w to lt gy to m gy, crs, l 0195-1L
		45 Cont	: bar 0195-2L
		5 Sh/Clst:	lt gy, slt 0195-3L
		tr Other	: pyr 0195-4L
2354.00			0196
		65 S/Sst	: w, crs, l 0196-1L
		20 Cont	: bar 0196-2L
		10 Ca	: w, pyr, f, chk 0196-3L
		5 Sh/Clst:	lt gy to gn gy, slt 0196-4L
		tr Other	: pyr 0196-5L
2390.00			0197
		35 Sh/Clst:	lt gy to m gy to lt gn gy, pyr, slt 0197-1L
		25 S/Sst	: lt gy w, crs, l 0197-2L
		25 Ca	: w, pyr, f 0197-3L
		5 Sltst	: lt gy 0197-4L
		5 Other	: pyr 0197-5L
		5 Cont	: bar 0197-6L

Table 2 : Lithology description for well NOCS 34/7-18

Depth unit of measure: m

Depth	Type	Trb	Sample
Int Cvd	TOC%	%	Lithology description
2408.00			0198
	55	S/Sst	: lt gy w, crs, rnd, l 0198-1L
	20	Sh/Clst:	lt gy to m gy to lt gn gy, pyr, slt 0198-2L
	10	Ca	: w, f 0198-3L
	10	S/Sst	: lt gy to brn gy, calc, f, st 0198-4L
	5	Other	: pyr 0198-5L
	tr	Other	: m brn gy, dol 0198-6L
	tr	Cont	: prp 0198-7L
2426.00			0199
	65	Sh/Clst:	lt gy to m gy, pyr, slt 0199-1L
	20	S/Sst	: lt gy w, crs, rnd, l 0199-2L
	10	Cont	: prp 0199-3L
	5	Other	: pyr 0199-4L
	tr	S/Sst	: lt gy w, f 0199-5L
	tr	Cont	: ns 0199-6L
2435.00			0200
	100	Sh/Clst:	lt gy to m gy, pyr, slt, st 0200-1L
	tr	Cont	: bar 0200-2L
	tr	Cont	: prp 0200-3L

Table 3 : Rock-Eval table for well NOCS 34/7-18

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1680.00	cut	Sltst : m gy to drk gy to lt gy w	0.29	0.34	1.46	0.23	0.52	65	281	0.6	0.46	427	0164-1L
1760.00	cut	Sh/Clst: pl ol to lt gy	0.05	0.15	1.70	0.09	0.45	33	378	0.2	0.25	422	0168-1L
2160.00	cut	Sh/Clst: lt gy to m gy	0.34	0.85	0.89	0.96	0.90	94	99	1.2	0.29	433	0187-1L
2200.00	cut	Sh/Clst: lt gy to m gy	0.48	1.22	0.98	1.24	1.03	118	95	1.7	0.28	434	0189-1L

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
1680.00	cut	Sltst : m gy to drk gy to lt gy w	3.7	11.9	3.2	2.7	1.5	4.5	5.9	6.0	0.52	0164-1L
1760.00	cut	Sh/Clst: pl ol to lt gy	5.6	5.2	1.4	1.2	1.2	1.4	2.6	2.6	0.45	0168-1L
1768.50	swc	Sh/Clst	7.9	8.7	4.1	2.6	0.8	1.2	6.7	2.0	-	0203-1L
1778.00	ccp	S/Sst	9.5	183.3	93.6	56.4	8.2	25.1	150.0	33.3	1.86	0210-0B
1781.50	swc	S/Sst	6.7	14.1	6.3	4.3	1.1	2.4	10.6	3.5	-	0204-1L
1783.00	swc	bulk	6.0	17.7	6.0	3.7	0.9	7.1	9.7	8.0	-	0205-0B
1783.50	oil	bulk	-	88.8	48.8	27.6	2.9	9.5	76.4	12.4	-	0201-0B
1803.00	swc	S/Sst	6.4	25.9	14.0	9.0	1.8	1.1	23.0	2.9	-	0206-1L
2160.00	cut	Sh/Clst: lt gy to m gy	6.2	10.3	2.4	2.7	2.3	2.9	5.1	5.2	0.90	0187-1L
2190.00	swc	Sh/Clst	5.9	8.0	4.1	2.1	0.7	1.1	6.2	1.8	-	0209-1L
2200.00	cut	Sh/Clst: lt gy to m gy	6.7	12.2	3.5	2.7	2.5	3.5	6.2	6.0	1.03	0189-1L
2240.00	cut	S/Sst : drk y brn to lt or	0.9	9.1	2.6	1.7	1.5	3.3	4.3	4.8	0.76	0191-1L
2283.50	swc	S/Sst	7.6	50.9	24.3	14.1	3.6	8.9	38.4	12.5	-	0207-1L
2284.50	swc	S/Sst	4.5	18.8	8.7	5.3	0.9	3.9	14.0	4.8	-	0208-1L

Table 4 a: Weight of EOM and Chromatographic Fraction for well NOCS 34/7-18

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
2284.60	oil	bulk	-	62.6	30.0	18.8	3.1	10.7	48.8	13.8	-	0202-0B
2286.00	ccp	S/Sst	10.5	74.9	28.9	24.3	7.2	14.5	53.2	21.7	0.84	0159-0B
2288.00	ccp	S/Sst	7.4	48.9	18.5	15.2	5.6	9.6	33.7	15.2	0.68	0160-0B
2289.00	ccp	S/Sst	9.0	5.8	1.2	0.8	1.1	2.7	2.0	3.8	0.15	0161-0B
2354.00	cut	S/Sst : w	3.6	5.2	1.4	1.1	1.3	1.4	2.5	2.7	0.18	0196-1L

Table 4 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 34/7-18

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1680.00	cut	Sltst : m gy to drk gy to lt gy w	3216	864	729	405	1216	1594	1621	0164-1L
1760.00	cut	Sh/Clst: pl ol to lt gy	936	252	216	216	252	468	468	0168-1L
1768.50	swc	Sh/Clst	1101	518	329	101	151	848	253	0203-1L
1778.00	ccp	S/Sst	19355	9883	5955	865	2650	15839	3516	0210-0B
1781.50	swc	S/Sst	2104	940	641	164	358	1582	522	0204-1L
1783.00	swc	bulk	2950	1000	616	149	1183	1616	1333	0205-0B
1783.50	oil	bulk	-	-	-	-	-	-	-	0201-0B
1803.00	swc	S/Sst	4046	2187	1406	281	171	3593	453	0206-1L
2160.00	cut	Sh/Clst: lt gy to m gy	1653	385	433	369	465	818	834	0187-1L
2190.00	swc	Sh/Clst	1355	694	355	118	186	1050	305	0209-1L
2200.00	cut	Sh/Clst: lt gy to m gy	1820	522	402	373	522	925	895	0189-1L
2240.00	cut	S/Sst : drk y brn to lt or	10340	2954	1931	1704	3750	4886	5454	0191-1L
2283.50	swc	S/Sst	6697	3197	1855	473	1171	5052	1644	0207-1L
2284.50	swc	S/Sst	4177	1933	1177	199	866	3111	1066	0208-1L

Table 4 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 34/7-18

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2284.60	oil	bulk	-	-	-	-	-	-	-	0202-0B
2286.00	ccp	S/Sst	7119	2747	2309	684	1378	5057	2062	0159-0B
2288.00	ccp	S/Sst	6581	2489	2045	753	1292	4535	2045	0160-0B
2289.00	ccp	S/Sst	645	133	89	122	300	222	423	0161-0B
2354.00	cut	S/Sst : w	1448	389	306	362	389	696	752	0196-1L

Table 4 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 34/7-18

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1680.00	cut	Sltst : m gy to drk gy to lt gy w	618.50	166.32	140.33	77.96	233.89	306.65	311.85	0164-1L
1760.00	cut	Sh/Clst: pl ol to lt gy	208.21	56.06	48.05	48.05	56.06	104.10	104.10	0168-1L
1768.50	swc	Sh/Clst	-	-	-	-	-	-	-	0203-1L
1778.00	ccp	S/Sst	1040.64	531.39	320.20	46.55	142.50	851.59	189.05	0210-0B
1781.50	swc	S/Sst	-	-	-	-	-	-	-	0204-1L
1783.00	swc	bulk	-	-	-	-	-	-	-	0205-0B
1783.50	oil	bulk	-	-	-	-	-	-	-	0201-0B
1803.00	swc	S/Sst	-	-	-	-	-	-	-	0206-1L
2160.00	cut	Sh/Clst: lt gy to m gy	183.70	42.80	48.15	41.02	51.72	90.96	92.74	0187-1L
2190.00	swc	Sh/Clst	-	-	-	-	-	-	-	0209-1L
2200.00	cut	Sh/Clst: lt gy to m gy	176.79	50.72	39.12	36.23	50.72	89.84	86.94	0189-1L
2240.00	cut	S/Sst : drk y brn to lt or	1360.65	388.76	254.19	224.28	493.42	642.94	717.70	0191-1L
2283.50	swc	S/Sst	-	-	-	-	-	-	-	0207-1L
2284.50	swc	S/Sst	-	-	-	-	-	-	-	0208-1L

Table 4 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 34/7-18

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2284.60	oil	bulk	-	-	-	-	-	-	-	0202-0B
2286.00	ccp	S/Sst	847.59	327.04	274.99	81.48	164.09	602.03	245.56	0159-0B
2288.00	ccp	S/Sst	967.86	366.16	300.85	110.84	190.01	667.01	300.85	0160-0B
2289.00	ccp	S/Sst	430.59	89.09	59.39	81.66	200.45	148.48	282.11	0161-0B
2354.00	cut	S/Sst : w	804.70	216.65	170.23	201.18	216.65	386.88	417.83	0196-1L

Table 4 d: Composition of material extracted from the rock (%) for well NOCS 34/7-18

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	
1680.00	cut	Sltst : m gy to drk gy to lt gy w	26.89	22.69	12.61	37.82	49.58	50.42	118.52	98.33	0164-1L
1760.00	cut	Sh/Clst: pl ol to lt gy	26.92	23.08	23.08	26.92	50.00	50.00	116.67	100.00	0168-1L
1768.50	swc	Sh/Clst	47.13	29.89	9.20	13.79	77.01	22.99	157.69	335.00	0203-1L
1778.00	ccp	S/Sst	51.06	30.77	4.47	13.69	81.83	18.17	165.96	450.45	0210-0B
1781.50	swc	S/Sst	44.68	30.50	7.80	17.02	75.18	24.82	146.51	302.86	0204-1L
1783.00	swc	bulk	33.90	20.90	5.08	40.11	54.80	45.20	162.16	121.25	0205-0B
1783.50	oil	bulk	54.95	31.08	3.27	10.70	86.04	13.96	176.81	616.13	0201-0B
1803.00	swc	S/Sst	54.05	34.75	6.95	4.25	88.80	11.20	155.56	793.10	0206-1L
2160.00	cut	Sh/Clst: lt gy to m gy	23.30	26.21	22.33	28.16	49.51	50.49	88.89	98.08	0187-1L
2190.00	swc	Sh/Clst	51.25	26.25	8.75	13.75	77.50	22.50	195.24	344.44	0209-1L
2200.00	cut	Sh/Clst: lt gy to m gy	28.69	22.13	20.49	28.69	50.82	49.18	129.63	103.33	0189-1L
2240.00	cut	S/Sst : drk y brn to lt or	28.57	18.68	16.48	36.26	47.25	52.75	152.94	89.58	0191-1L
2283.50	swc	S/Sst	47.74	27.70	7.07	17.49	75.44	24.56	172.34	307.20	0207-1L
2284.50	swc	S/Sst	46.28	28.19	4.79	20.74	74.47	25.53	164.15	291.67	0208-1L

Table 4 d: Composition of material extracted from the rock (%) for well NOCS 34/7-18

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	
2284.60	oil	bulk	47.92	30.03	4.95	17.09	77.96	22.04	159.57	353.62	0202-0B
2286.00	ccp	S/Sst	38.58	32.44	9.61	19.36	71.03	28.97	118.93	245.16	0159-0B
2288.00	ccp	S/Sst	37.83	31.08	11.45	19.63	68.92	31.08	121.71	221.71	0160-0B
2289.00	ccp	S/Sst	20.69	13.79	18.97	46.55	34.48	65.52	150.00	52.63	0161-0B
2354.00	cut	S/Sst : w	26.92	21.15	25.00	26.92	48.08	51.92	127.27	92.59	0196-1L

Table 5 : Saturated Hydrocarbon Ratios for well NOCS 34/7-18

Depth unit of measure: m

Depth	Typ	Lithology	Pristane	Pristane	Pristane + Phytane	Phytane	CPI	Sample
			nC17	Phytane	nC17 + nC18	nC18		
1680.00	cut	Sltst : m gy to drk gy to lt gy w	0.35	1.08	0.36	0.37	0.57	0164-1L
1768.50	swc	Sh/Clst	2.54	1.46	2.21	1.86	1.03	0203-1L
1778.00	ccp	S/Sst	2.33	1.41	2.20	2.04	1.01	0210-0B
1783.50	oil	bulk	2.25	1.45	2.18	2.09	1.06	0201-0B
1803.00	swc	S/Sst	3.31	1.48	3.05	2.72	0.98	0206-1L
2160.00	cut	Sh/Clst: lt gy to m gy	0.57	1.73	0.51	0.42	1.09	0187-1L
2200.00	cut	Sh/Clst: lt gy to m gy	0.55	1.62	0.49	0.42	1.07	0189-1L
2240.00	cut	S/Sst : drk y brn to lt or	0.68	1.09	0.54	0.44	1.07	0191-1L
2283.50	swc	S/Sst	-	-	-	-	-	0207-1L
2284.50	swc	S/Sst	-	-	-	-	-	0208-1L
2284.60	oil	bulk	-	-	-	-	3.96	0202-0B
2286.00	ccp	S/Sst	-	-	-	-	-	0159-0B
2288.00	ccp	S/Sst	-	-	-	-	-	0160-0B
2354.00	cut	S/Sst : w	0.86	1.89	0.63	0.42	1.29	0196-1L

Table 6 : Aromatic Hydrocarbon Ratios for well NOCS 34/7-18

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
1680.00	cut	Sltst : m gy to drk gy to lt gy w	0.74	0.75	-	0.95	0.74	0.87	0.84	-	-	-	0164-1L
1768.50	swc	Sh/Clst	1.10	2.19	0.25	1.18	0.81	1.00	0.89	-	4.22	1.16	0203-1L
1778.00	ccp	S/Sst	1.14	2.00	0.24	1.21	0.88	1.06	0.93	-	4.12	1.21	0210-0B
1783.50	oil	bulk	1.97	1.79	0.35	0.90	0.75	0.77	0.85	0.35	4.69	0.95	0201-0B
1803.00	swc	S/Sst	1.63	2.60	0.34	1.30	0.92	1.14	0.95	-	2.72	1.42	0206-1L
2160.00	cut	Sh/Clst: lt gy to m gy	0.87	1.83	0.25	0.86	0.62	0.72	0.77	0.38	8.36	1.41	0187-1L
2200.00	cut	Sh/Clst: lt gy to m gy	0.91	1.83	0.25	0.87	0.63	0.73	0.78	0.39	8.81	1.47	0189-1L
2240.00	cut	S/Sst : drk y brn to lt or	-	-	-	-	-	-	-	-	-	-	0191-1L
2283.50	swc	S/Sst	1.07	2.05	0.25	1.58	0.81	1.02	0.89	0.53	-	-	0207-1L
2284.50	swc	S/Sst	1.06	2.18	0.25	1.57	0.81	1.02	0.89	0.60	2.20	0.96	0208-1L
2284.60	oil	bulk	1.11	1.91	0.21	0.97	0.66	0.77	0.80	0.23	3.05	0.79	0202-0B
2286.00	ccp	S/Sst	0.79	1.20	0.11	1.67	0.82	1.04	0.89	0.64	-	-	0159-0B
2288.00	ccp	S/Sst	1.01	1.29	0.16	1.64	0.82	1.01	0.89	-	-	-	0160-0B
2354.00	cut	S/Sst : w	-	-	-	1.16	0.74	0.92	0.84	-	-	-	0196-1L

Table 7 : Thermal Maturity Data for well NOCS 34/7-18

Depth unit of measure: m

Depth	Typ Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	T _{max} (°C)	Sample
1120.00	cut bulk	NDP	-	-	-	-	-	0013-0B
1120.00	ker bulk	0.24	5	0.02	-	-	-	0135-0B
1275.00	ker bulk	NDP	-	-	-	-	-	0136-0B
1275.00	cut bulk	NDP	-	-	-	-	-	0150-0B
1385.00	ker bulk	NDP	-	-	-	-	-	0137-0B
1385.00	cut bulk	NDP	-	-	-	-	-	0151-0B
1503.00	ker bulk	0.34	3	0.01	-	-	-	0138-0B
1503.00	cut bulk	NDP	-	-	-	-	-	0152-0B
1650.00	cut bulk	NDP	-	-	-	-	-	0006-0B
1650.00	ker bulk	0.28	6	0.06	-	-	-	0139-0B
1758.00	ker bulk	0.55	6	0.06	-	-	-	0140-0B
1758.00	cut bulk	0.36	3	0.04	-	-	-	0153-0B
1806.00	ker bulk	0.44	3	0.01	-	-	-	0141-0B
1806.00	cut bulk	NDP	-	-	-	-	-	0154-0B

Table 7 : Thermal Maturity Data for well NOCS 34/7-18

Depth unit of measure: m

Depth	Typ Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	T _{max} (°C)	Sample
1835.00	ker bulk	0.53	3	0.01	-	-	-	0142-0B
1835.00	cut bulk	NDF	-	-	-	-	-	0155-0B
1940.00	cut bulk	0.54	2	0.00	-	-	-	0083-0B
1940.00	ker bulk	NDF	-	-	-	-	-	0143-0B
2030.00	cut bulk	0.32	3	0.04	-	-	-	0092-0B
2030.00	ker bulk	0.53	8	0.07	-	-	-	0144-0B
2125.00	ker bulk	0.23	6	0.05	-	-	-	0145-0B
2125.00	cut bulk	0.54	4	0.05	-	-	-	0156-0B
2250.00	cut bulk	0.52	2	0.03	-	-	-	0114-0B
2250.00	ker bulk	0.34	5	0.03	-	-	-	0146-0B
2280.00	cut bulk	NDF	-	-	-	-	-	0117-0B
2280.50	ker bulk	0.49	3	0.08	-	-	-	0147-0B
2394.00	ker bulk	0.17	15	0.03	-	-	-	0148-0B
2394.00	cut bulk	0.19	12	0.02	-	-	-	0158-0B

Table 7 : Thermal Maturity Data for well NOCS 34/7-18

Depth unit of measure: m

Depth	Typ Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	T _{max} (°C)	Sample
2406.00	ker bulk	0.29	5	0.04	-	-	-	0149-0B

Table 8a : Tabulation of carbon isotope data for EOM/EOM - fractions or Oils for well NOCS 34/7-18

Depth unit of measure: m

Depth	Typ	Lithology	EOM/Oil	Saturated	Aromatic	NSO	Asphaltenes	Kerogen	Sample
1680.00	cut		-	-29.48	-28.80	-28.85	-28.38	-	0164-1L
1768.50	swc		-	-29.43	-28.92	-28.69	-28.73	-	0203-1L
1778.00	ccp		-29.25	-29.69	-28.92	-28.74	-28.85	-	0210-0B
1783.50	oil		-29.17	-29.57	-28.88	-28.54	-28.95	-	0201-0B
1803.00	swc		-29.23	-29.60	-28.88	-28.41	-28.95	-	0206-1L
2160.00	cut		-	-29.38	-28.31	-28.45	-27.17	-	0187-1L
2200.00	cut		-	-29.51	-28.34	-28.59	-27.35	-	0189-1L
2240.00	cut		-	-29.26	-28.65	-29.08	-28.74	-	0191-1L
2283.50	swc		-29.77	-30.18	-29.80	-29.26	-29.43	-	0207-1L
2284.50	swc		-29.63	-30.19	-29.71	-29.16	-29.19	-	0208-0B
2284.60	oil		-29.94	-30.10	-29.54	-29.32	-28.53	-	0202-0B
2286.00	ccp		-29.84	-30.15	-29.83	-29.34	-29.22	-	0159-0B
2288.00	ccp		-29.69	-30.12	-29.73	-29.36	-29.03	-	0160-0B
2354.00	cut		-	-28.45	-27.66	-28.59	-27.94	-	0196-1L

Table 8b : Tabulation of cv values from carbon isotope data for well NOCS 34/7-18

Depth unit of measure: m

Depth	Typ	Lithology	Saturated	Aromatic	cv value	Sample
1680.00	cut		-29.48	-28.80	-1.00	0164-1L
1768.50	swc		-29.43	-28.92	-1.39	0203-1L
1778.00	ccp		-29.69	-28.92	-0.74	0210-0B
1783.50	oil		-29.57	-28.88	-0.95	0201-0B
1803.00	swc		-29.60	-28.88	-0.88	0206-1L
2160.00	cut		-29.38	-28.31	-0.17	0187-1L
2200.00	cut		-29.51	-28.34	0.10	0189-1L
2240.00	cut		-29.26	-28.65	-1.23	0191-1L
2283.50	swc		-30.18	-29.80	-1.45	0207-1L
2284.50	swc		-30.19	-29.71	-1.23	0208-0B
2284.60	oil		-30.10	-29.54	-1.08	0202-0B
2286.00	ccp		-30.15	-29.83	-1.59	0159-0B
2288.00	ccp		-30.12	-29.73	-1.45	0160-0B
2354.00	cut		-28.45	-27.66	-1.08	0196-1L

Table 8c: Isotope GC Analysis of Headspace Gas for well 34/7-18.

Depth	C1	C2	C3	i-C4	n-C4
1770m	-32.1	-26.6	-17.9	-30.8	-21.5
2210m	-46.0	-31.9	-30.2	-31.2	-30.0
2280m	-45.0	-31.5	-30.2	-31.0	-29.6
2381m	-42.5	-29.9	-29.6	-30.6	-29.2
Test no.1	-29.6	-27.0	-16.6	-29.3	-20.7

<u>Sample</u>	<u>delta D SMOW</u>
Test no.1	-190

The result for this sample is not regarded as reliable as the gas bag appeared to be leaking.

Table 9A: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 34/7-18

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/E									C+D+E+F	D+F/C+E	J1+J2%		
1680.00	Slst	0.76	0.43	0.12	0.45	0.31	0.07	0.20	0.45	0.17	0.11	0.91	0.33	0.12	59.72	0164-1		
1768.50	Sh/Clst	0.75	0.43	0.11	0.45	0.31	0.06	0.21	0.48	0.18	0.10	0.92	0.32	0.10	59.39	0203-1		
1778.00	S/Sst	0.71	0.42	0.11	0.44	0.30	0.07	0.21	0.47	0.17	0.12	0.93	0.32	0.10	59.10	0210-0		
1783.50	bulk	0.74	0.42	0.11	0.43	0.30	0.06	0.20	0.47	0.17	0.09	0.93	0.31	0.10	61.45	0201-0		
1803.00	S/Sst	0.85	0.46	0.11	0.43	0.30	0.05	0.19	0.44	0.16	0.09	0.93	0.32	0.11	60.19	0206-1		
2160.00	Sh/Clst	0.81	0.45	0.10	0.37	0.27	0.04	0.12	0.33	0.11	0.06	0.90	0.32	0.19	52.57	0187-1		
2200.00	Sh/Clst	0.85	0.46	0.11	0.39	0.28	0.05	0.16	0.41	0.14	0.06	0.91	0.32	0.16	53.42	0189-1		
2240.00	S/Sst	0.88	0.47	0.11	0.43	0.30	0.06	0.19	0.44	0.16	0.08	0.92	0.33	0.13	57.97	0191-1		
2283.50	S/Sst	1.00	0.50	0.10	0.48	0.32	0.04	0.29	0.61	0.23	0.05	0.92	0.34	0.11	60.32	0207-1		
2284.50	bulk	1.08	0.52	0.10	0.49	0.33	0.04	0.30	0.62	0.23	0.06	0.92	0.34	0.10	60.00	0208-0		
2284.60	bulk	1.04	0.51	0.09	0.47	0.32	0.03	0.27	0.59	0.22	0.06	0.93	0.33	0.10	60.36	0202-0		
2286.00	S/Sst	1.06	0.51	0.10	0.48	0.32	0.04	0.30	0.63	0.23	0.05	0.92	0.53	0.56	59.02	0159-0		
2288.00	S/Sst	1.03	0.51	0.10	0.47	0.32	0.04	0.30	0.65	0.23	0.06	0.92	0.33	0.11	58.94	0160-0		
2354.00	S/Sst	1.12	0.53	0.12	0.57	0.36	0.04	0.09	0.15	0.08	0.22	0.96	0.37	0.05	63.28	0196-1		

Table 9B: Variation in Sterane Distribution (peak height) SIR for Well NOCS 34/7-18

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Ratio10	Sample
1680.00	Sltst	0.70	38.14	74.61	1.08	0.79	0.38	0.27	0.59	0.62	2.37	0164-1
1768.50	Sh/Clst	0.71	43.58	74.76	1.04	0.77	0.35	0.25	0.60	0.77	2.62	0203-1
1778.00	S/Sst	0.71	45.41	75.20	1.08	0.77	0.40	0.28	0.60	0.83	2.78	0210-0
1783.50	bulk	0.72	42.99	76.05	1.08	0.79	0.37	0.26	0.61	0.75	2.78	0201-0
1803.00	S/Sst	0.70	43.88	75.14	0.95	0.77	0.36	0.25	0.60	0.78	2.69	0206-1
2160.00	Sh/Clst	0.64	29.76	70.47	1.04	0.80	0.41	0.29	0.54	0.42	1.70	0187-1
2200.00	Sh/Clst	0.66	33.99	73.19	0.96	0.80	0.38	0.27	0.58	0.51	2.07	0189-1
2240.00	S/Sst	0.66	41.17	75.27	0.91	0.79	0.22	0.14	0.60	0.70	2.59	0191-1
2283.50	S/Sst	0.61	44.30	74.39	0.90	0.77	0.33	0.22	0.59	0.80	2.61	0207-1
2284.50	bulk	0.61	44.12	74.03	0.51	0.76	0.36	0.25	0.59	0.79	2.55	0208-0
2284.60	bulk	0.64	44.71	74.94	0.96	0.77	0.38	0.26	0.60	0.81	2.70	0202-0
2286.00	S/Sst	0.60	40.45	74.48	0.89	0.78	0.31	0.21	0.59	0.68	2.45	0159-0

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: $u + v / u + v + i + m + n + q + r + s + t$ Ratio8: $r + s / q + r + s + t$ Ratio9: q / t Ratio10: $r + s / t$

Table 9B: Variation in Sterane Distribution (peak height) SIR for Well NOCS 34/7-18

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>Ratio8</u>	<u>Ratio9</u>	<u>Ratio10</u>	<u>Sample</u>
2288.00	S/Sst	0.62	41.42	73.96	0.92	0.77	0.33	0.22	0.59	0.71	2.42	0160-0
2354.00	S/Sst	0.66	33.97	75.98	1.20	0.82	0.57	0.45	0.61	0.51	2.40	0196-1

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: $u + v / u + v + i + m + n + q + r + s + t$
 Ratio8: $r + s / q + r + s + t$
 Ratio9: q / t
 Ratio10: $r + s / t$

Table 9C: Variation in Triaromatic Sterane Distribution for Well NOCS 34/7-18

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Sample
1680.00	Sltst	0.51	0.52	0.28	0.26	0.34	0164-1
1768.50	Sh/Clst	0.45	0.47	0.24	0.21	0.29	0203-1
1778.00	S/Sst	0.47	0.49	0.24	0.23	0.31	0210-0
1783.50	bulk	0.51	0.51	0.27	0.25	0.34	0201-0
1803.00	S/Sst	0.39	0.42	0.20	0.17	0.24	0206-1
2160.00	Sh/Clst	0.73	0.72	0.46	0.45	0.53	0187-1
2200.00	Sh/Clst	0.69	0.68	0.44	0.43	0.52	0189-1
2240.00	S/Sst	0.28	0.31	0.14	0.12	0.18	0191-1
2283.50	S/Sst	0.28	0.38	0.15	0.11	0.16	0207-1
2284.50	bulk	0.29	0.38	0.15	0.12	0.16	0208-0
2284.60	bulk	0.28	0.38	0.15	0.11	0.16	0202-0
2286.00	S/Sst	0.19	0.17	0.07	0.07	0.11	0159-0
2288.00	S/Sst	0.18	0.12	0.06	0.07	0.09	0160-0

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 9C: Variation in Triaromatic Sterane Distribution for Well NOCS 34/7-18

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>Sample</u>
2354.00	S/Sst	0.56	-	0.21	0.30	0.43	0196-1

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 9D: Variation in Monoaromatic Sterane Distribution for Well NOCS 34/7-18

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Sample
1680.00	Sltst	0.42	0.31	0.27	0.24	0164-1
1768.50	Sh/Clst	0.38	0.29	0.24	0.22	0203-1
1778.00	S/Sst	0.39	0.28	0.25	0.22	0210-0
1783.50	bulk	0.41	0.28	0.28	0.24	0201-0
1803.00	S/Sst	0.33	0.24	0.20	0.19	0206-1
2160.00	Sh/Clst	0.29	0.18	0.17	0.15	0187-1
2200.00	Sh/Clst	0.35	0.24	0.21	0.19	0189-1
2240.00	S/Sst	0.20	0.12	0.10	0.10	0191-1
2283.50	S/Sst	0.37	0.26	0.24	0.22	0207-1
2284.50	bulk	0.40	0.26	0.25	0.22	0208-0
2284.60	bulk	0.39	0.26	0.25	0.22	0202-0
2286.00	S/Sst	0.37	0.24	0.23	0.20	0159-0
2288.00	S/Sst	0.35	0.24	0.22	0.20	0160-0
2354.00	S/Sst	0.41	0.30	0.24	0.22	0196-1

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

Table 9E: Aromatisation of Steranes for Well NOCS 34/7-18

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Sample</u>
1680.00	Slst	0.44	0.88	0164-1
1768.50	Sh/Clst	0.41	0.92	0203-1
1778.00	S/Sst	0.40	0.89	0210-0
1783.50	bulk	0.46	0.88	0201-0
1803.00	S/Sst	0.43	0.89	0206-1
2160.00	Sh/Clst	0.45	0.82	0187-1
2200.00	Sh/Clst	0.44	0.85	0189-1
2240.00	S/Sst	0.58	0.82	0191-1
2283.50	S/Sst	0.31	0.93	0207-1
2284.50	bulk	0.30	0.93	0208-0
2284.60	bulk	0.31	0.94	0202-0
2286.00	S/Sst	0.30	0.94	0159-0
2288.00	S/Sst	0.31	0.93	0160-0

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

Ratio2: $g1 / g1 + I1$

$C1+D1+E1+F1+G1+H1+I1 + c1+d1+e1+f1+g1$

Table 9E: Aromatisation of Steranes for Well NOCS 34/7-18

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Sample</u>
2354.00	S/Sst	0.47	0.90	0196-1

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

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

Table 9F: Raw GCMS triterpane data (peak height) SIR for Well NOCS 34/7-18

Depth unit of measure: m

Depth	Lithology	p	q	r	s	t	a	b	z	c	Sample
		x	d	e	f	g	h	i	j1		
		j2	k1	k2	l1	l2	m1	m2			
1680.00	sltst	62640.00	50424.60	22712.70	35210.00	11700.00	91450.20	69226.50	94434.00	210168.30	0164-1
		32404.50	37789.90	468308.91	44605.80	190836.00	137343.50	25873.60	131154.41		
		88478.00	104322.60	67999.50	58689.80	41895.40	52652.60	32059.30			
1768.50	Sh/Clst	23837.40	19074.00	7917.60	12487.80	3737.10	35602.60	26785.00	42026.10	88221.90	0203-1
		12401.30	12595.60	197599.80	16409.50	82093.60	57916.80	9996.50	52993.90		
		36238.70	40035.50	26475.60	21885.70	14140.30	19089.10	12230.20			
1778.00	S/Sst	28497.60	22837.60	9778.90	14875.50	4153.50	38132.10	27246.80	40724.30	86536.20	0210-0
		13001.10	13152.40	198409.30	15564.60	81731.20	54690.20	9188.90	52120.50		
		36072.30	40936.20	25184.40	20409.80	12175.50	17257.60	11343.50			
1783.50	bulk	33564.40	25213.70	12341.50	19630.90	5963.60	50144.00	36979.00	57839.80	122809.10	0201-0
		17109.40	18906.80	288685.81	21764.30	105596.00	72734.20	11878.10	70591.40		
		44289.70	47185.30	32330.50	26395.30	16060.00	22780.40	14650.80			
1803.00	S/Sst	34487.70	27107.60	12706.90	19275.90	5074.50	47927.10	40954.10	57394.00	129697.00	0206-1
		16175.90	22864.20	303188.19	23256.20	116637.90	82666.20	14978.40	80944.60		
		53533.50	61944.50	40740.90	34092.40	22313.50	30181.60	19660.20			

Depth unit of measure: m

Depth	Lithology	p	q	r	s	t	a	b	z	c	Sample
		x	d	e	f	g	h	i	j1		
		j2	k1	k2	l1	l2	m1	m2			
2160.00	Sh/Clst	34879.00	21276.40	8966.80	16497.40	3852.90	52582.00	42769.40	44086.00	135616.50	0187-1
		14932.80	57713.40	363514.00	38470.90	110676.10	130880.20	31556.30	62042.10		
		55966.00	39286.00	31984.00	24019.90	21179.40	19411.40	16454.20			
2200.00	Sh/Clst	23574.00	15309.00	6503.50	13442.70	2687.80	39761.30	33652.00	39743.40	97413.20	0189-1
		13244.60	30835.20	250287.00	23910.00	87373.20	96312.40	16817.80	51753.50		
		45135.30	35326.50	27343.20	20451.70	16027.00	17023.60	11945.00			
2240.00	S/Sst	35741.10	25449.00	14747.50	16132.20	6281.60	51094.50	45028.00	60082.20	137713.50	0191-1
		19635.30	31137.00	323451.00	26574.50	131503.70	85068.10	17354.60	85181.30		
		61763.60	65712.50	44283.00	37283.80	24834.90	34189.40	21906.20			
2283.50	S/Sst	59088.00	38694.00	19463.00	33973.90	9572.90	84410.80	84239.40	213794.00	351085.59	0207-1
		26901.60	50982.80	731532.00	64368.00	260727.50	180957.91	36206.00	173637.59		
		114236.40	149521.41	99540.60	84451.70	58843.70	72243.50	49926.50			
2284.50	bulk	54831.20	35474.10	18882.00	31415.60	8984.90	69015.30	74868.30	191476.91	309548.91	0208-0
		22638.30	45872.30	629841.50	52413.30	222013.50	157347.50	29928.50	143573.80		
		95717.10	131171.00	85844.40	69739.30	46874.40	58527.10	41438.30			

Table 9F: Raw GCMS triterpane data (peak height) SIR for Well NOCS 34/7-18

Depth unit of measure: m

Depth	Lithology	p	q	r	s	t	a	b	z	c	Sample
		x	d	e	f	g	h	i	j1		
		j2	k1	k2	l1	l2	m1	m2			
2284.60	bulk	67752.90	52046.80	23955.50	40407.60	12102.20	88464.00	91776.00	222721.41	378194.69	0202-0
		28180.10	56051.50	812336.00	65486.40	262155.81	182876.70	32207.10	166197.80		
		109156.50	144247.41	88148.20	74613.60	46702.00	60493.40	44328.60			
2286.00	S/Sst	74840.60	52395.50	28092.40	43621.90	14668.70	105369.60	111705.10	290168.91	458474.91	0159-0
		35686.50	711113.81	963208.81	84771.40	356852.81	251249.41	49532.20	228240.30		
		158496.91	213540.30	145345.00	119195.10	82242.20	101919.00	74060.50			
2288.00	S/Sst	67979.90	49455.50	26483.50	39906.70	11025.70	89938.90	92641.10	242817.59	375700.81	0160-0
		30266.30	59929.80	803347.31	68832.40	290745.69	208600.30	41981.80	189816.91		
		132235.50	175865.30	119084.00	95360.90	68288.00	83825.40	60645.60			
2354.00	S/Sst	15581.70	6013.10	1735.60	2735.70	796.60	3662.80	4116.20	2377.50	15772.60	0196-1
		990.60	988.70	27713.60	1183.60	9211.70	4756.90	2647.40	5094.40		
		2955.60	2575.60	1900.20	1311.60	818.00	1505.10	973.80			

Table 9G: Raw GCMS sterane data (peak height) SIR for Well NOCS 34/7-18

Depth unit of measure: m

Depth	Lithology	u	v	a	b	c	d	e	f	g	Sample
		h	i	j	k	l	m	n	o		
		p	q	r	s	t					
1680.00	sltst	112636.90	57012.10	134284.00	87249.70	30611.00	29556.40	57724.70	38781.90	55507.80	0164-1
		102071.50	77433.50	56337.30	69182.10	24565.30	37828.40	64044.90	68314.00		
		38395.70	42640.00	89912.60	74321.70	69162.10					
1768.50	Sh/Clst	48490.50	20395.30	59131.30	39089.90	11120.30	12883.40	25142.80	16984.10	27200.50	0203-1
		47984.60	37013.00	24283.50	30489.40	9926.60	18565.40	28692.50	33403.50		
		14566.30	22277.80	41558.00	34140.00	28843.30					
1778.00	S/Sst	61378.70	24944.00	67840.50	45057.50	12876.40	14504.10	28249.90	17997.20	29211.20	0210-0
		53634.00	41271.30	27623.70	35915.80	11079.20	19417.20	29829.00	34813.10		
		15272.00	23138.10	42929.50	34312.40	27820.70					
1783.50	bulk	73919.00	34970.90	96395.60	63491.60	20299.00	21030.60	40196.70	27106.80	40922.50	0201-0
		73059.80	57104.80	37839.00	52364.70	16847.70	27108.20	43743.30	48964.30		
		22287.30	31125.90	62302.20	52634.20	41280.00					
1803.00	S/Sst	71412.90	31478.80	79333.10	50289.70	15870.00	17784.50	34080.30	22951.90	40633.10	0206-1
		73544.90	55222.90	33974.80	41995.60	14819.30	26789.50	41672.80	44013.60		
		21495.70	32381.00	59434.00	52066.80	41414.90					

Table 9G: Raw GCMS sterane data (peak height) SIR for Well NOCS 34/7-18

Depth unit of measure: m

Depth	Lithology	u	v	a	b	c	d	e	f	g	Sample
		h	i	j	k	l	m	n	o		
		p	q	r	s	t					
2160.00	Sh/Clst	67079.20	27511.60	65121.00	47694.70	17010.00	15613.90	47289.40	33211.90	32174.20	0187-1
		51135.50	43377.90	36621.90	44876.30	13966.30	18761.60	29504.20	34381.90		
		23621.40	18327.90	42323.40	31165.70	43252.10					
2200.00	Sh/Clst	52742.10	19611.90	52979.90	38232.70	14228.20	11432.90	30533.10	20411.80	27830.00	0189-1
		46649.80	36569.80	26885.90	34986.10	11059.90	15206.70	28687.00	31849.30		
		18092.30	17261.40	38009.00	31317.00	33522.40					
2240.00	S/Sst	33031.00	18694.80	77675.60	51818.40	17527.30	15336.30	35983.60	25287.60	42478.30	0191-1
		72357.40	56525.30	40125.10	48279.30	15056.10	26764.60	42542.80	48611.20		
		24115.50	30044.90	62077.10	49018.10	42937.50					
2283.50	S/Sst	108719.90	53561.10	120562.60	79618.10	27924.50	25866.10	53471.40	39109.10	74436.70	0207-1
		115480.80	94539.30	77635.80	63113.30	27572.80	53888.40	75681.00	78369.80		
		46614.00	60544.00	106224.80	92250.40	76110.40					
2284.50	bulk	109711.80	50482.70	103646.50	68674.70	24618.70	25309.10	45327.00	32629.80	64187.60	0208-0
		96804.40	82153.60	65035.20	53886.10	213181.50	44808.70	72828.00	71844.00		
		41248.00	51669.50	91518.00	75439.20	65454.60					

Depth unit of measure: m

Depth	Lithology	u	v	a	b	c	d	e	f	g	Sample
		h	i	j	k	l	m	n	o		
		p	q	r	s	t					
2284.60	bulk	151124.59	70124.40	150785.30	94186.20	34410.60	32437.60	67069.00	47077.70	85383.60	0202-0
		135947.50	113572.60	83481.40	70173.40	27448.80	58548.00	91200.70	89097.80		
		49163.40	64931.00	119896.00	97248.00	80299.20					
2286.00	S/Sst	138180.59	68164.00	164021.09	110726.30	40308.30	42473.10	80016.70	55807.00	111179.60	0159-0
		163325.59	132754.30	110870.80	95139.50	31939.30	74949.80	111760.00	110160.00		
		66708.00	75193.10	148420.80	122857.50	110686.90					
2288.00	S/Sst	127578.60	62362.90	151796.00	96420.20	33508.90	36128.30	69058.30	47805.80	97720.40	0160-0
		144179.00	116372.80	92663.10	74895.00	30595.50	66186.00	96512.80	93031.80		
		56065.90	67253.80	128538.40	102044.80	95109.50					
2354.00	S/Sst	6645.80	2686.10	3771.80	2267.50	931.00	930.90	1397.80	1008.50	1493.20	0196-1
		2540.60	2043.30	1969.60	1908.30	615.40	1024.30	1510.20	1827.20		
		915.00	909.70	2470.30	1764.60	1768.00					

Table 9H: Raw GCMS trioaromatic sterane data (peak height) for Well NOCS 34/7-18

Depth unit of measure: m

Depth	Lithology	a1	b1	c1	d1	e1	f1	g1	Sample
1680.00	Sltst	539815.81	556640.00	250006.80	1030737.38	509661.09	518928.00	516864.00	0164-1
1768.50	Sh/Clst	582912.00	639552.00	329863.59	1413344.00	724068.00	694212.63	721369.63	0203-1
1778.00	S/Sst	404950.31	442492.00	425775.09	897664.00	461952.00	462827.59	454806.41	0210-0
1783.50	bulk	258317.50	265614.19	119667.30	501876.81	267477.41	255694.80	251747.00	0201-0
1803.00	S/Sst	506461.69	592682.63	397339.81	1607125.50	834901.31	804914.13	807731.19	0206-1
2160.00	Sh/Clst	482137.81	458322.50	104525.10	422019.81	187269.59	214992.91	179104.00	0187-1
2200.00	Sh/Clst	470598.50	454453.91	108707.80	428230.81	197056.00	218972.41	209764.59	0189-1
2240.00	S/Sst	746368.00	878336.00	828384.00	3383472.00	1789352.00	1802880.00	1961995.63	0191-1
2283.50	S/Sst	654720.00	1007386.63	1018893.00	3484464.00	1695372.00	1717184.00	1658666.75	0207-1
2284.50	bulk	742859.81	1132320.00	1076520.00	3911189.25	1902121.75	1854241.50	1814905.25	0208-0
2284.60	bulk	430731.69	673902.63	660032.00	2339095.25	1116128.00	1188710.38	1094204.88	0202-0
2286.00	S/Sst	531968.13	467911.00	1329212.00	4355712.00	2115280.00	2273642.75	2292022.00	0159-0
2288.00	S/Sst	335552.00	210368.00	940512.00	3224073.25	1554624.00	1616128.00	1529621.38	0160-0
2354.00	S/Sst	65387.60	0.00	0.00	88184.00	50194.50	48798.10	52096.00	0196-1

Table 9I: Raw GCMS monoaromatic sterane data (peak height) for Well NOCS 34/7-18

Depth unit of measure: m

Depth	Lithology	a1	b1	c1	d1	e1	f1	g1	h1	i1	Sample
1680.00	Sltst	423195.41	262945.00	311866.59	278599.50	586293.69	109916.00	568228.38	282532.59	68320.00	0164-1
1768.50	Sh/Clst	451904.00	298464.00	399093.41	325018.41	743879.63	112512.30	722912.00	323786.09	63752.00	0203-1
1778.00	S/Sst	319712.00	194985.41	241349.41	233968.00	505765.00	77123.50	462836.59	216698.70	59061.00	0210-0
1783.50	bulk	238562.30	132165.41	179827.50	145984.00	346029.50	50789.90	278491.69	133763.80	34472.00	0201-0
1803.00	S/Sst	457645.69	295728.09	442521.41	452445.59	928421.88	129181.30	852124.00	394410.69	94868.30	0206-1
2160.00	Sh/Clst	105797.60	56360.70	77002.70	73691.30	256308.00	53544.60	257127.80	143203.00	38739.20	0187-1
2200.00	Sh/Clst	139024.00	84391.30	98851.10	88448.00	261330.70	54216.70	263848.59	121618.50	35599.50	0189-1
2240.00	S/Sst	939413.31	551214.50	1472900.00	1511627.25	3862648.50	595220.00	4146617.25	1735026.50	435667.00	0191-1
2283.50	S/Sst	740842.69	430147.31	596288.00	567734.13	1246790.13	165206.50	1112316.75	451131.41	116344.00	0207-1
2284.50	bulk	855253.31	465041.19	647920.00	616976.00	1308697.50	184910.50	1207892.25	498520.59	129529.50	0208-0
2284.60	bulk	512757.31	277709.81	400182.09	394208.69	789688.81	106649.50	723902.00	320693.81	72912.00	0202-0
2286.00	S/Sst	866200.00	469115.50	802985.81	657684.81	1474697.38	210304.00	1410925.25	579171.38	138303.91	0159-0
2288.00	S/Sst	638302.69	360948.00	586948.69	506235.09	1169243.13	157216.00	1036362.31	426908.81	107880.00	0160-0
2354.00	S/Sst	36508.30	23477.20	28596.40	21855.50	53564.90	11204.00	64863.30	29534.10	6062.90	0196-1

TABLE 10. PHYSICAL OIL DATA

	<u>Gravity (15°C)</u> g/cc	<u>S</u> weight %	<u>Ni</u>	<u>V</u>
34/7-18, DST 1A, 1770 - 1783.5 m	0.9001 g/cc	0.45	n.d.	nd
34/7-18, 2284.5 m RFT Run 2c	0.9113 g/cc	0.54	n.d.	nd

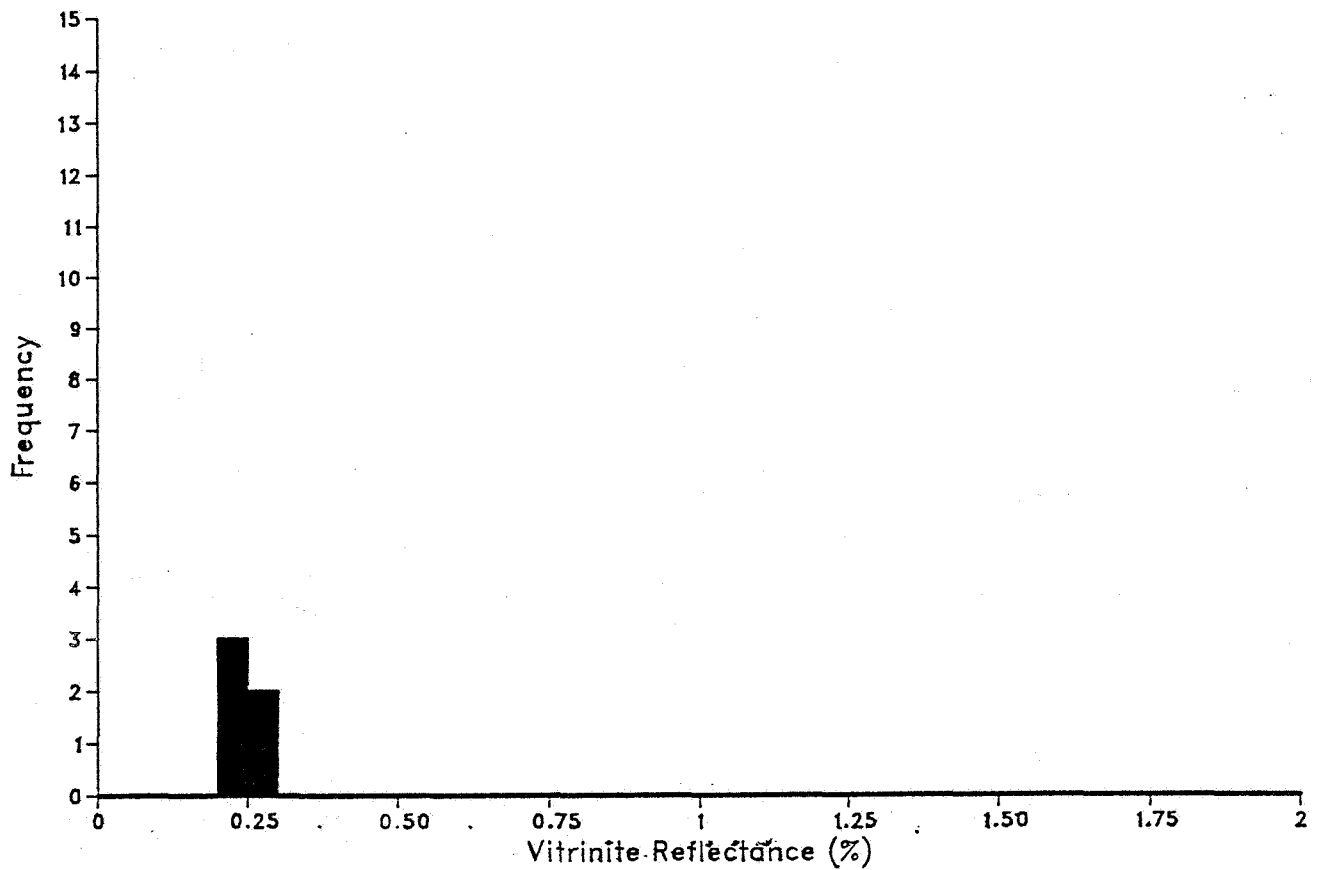
n.d. = not detected

VITRINITE REFLECTANCE
HISTOGRAMS

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 34/7-18
Depth: 1120.00(m)



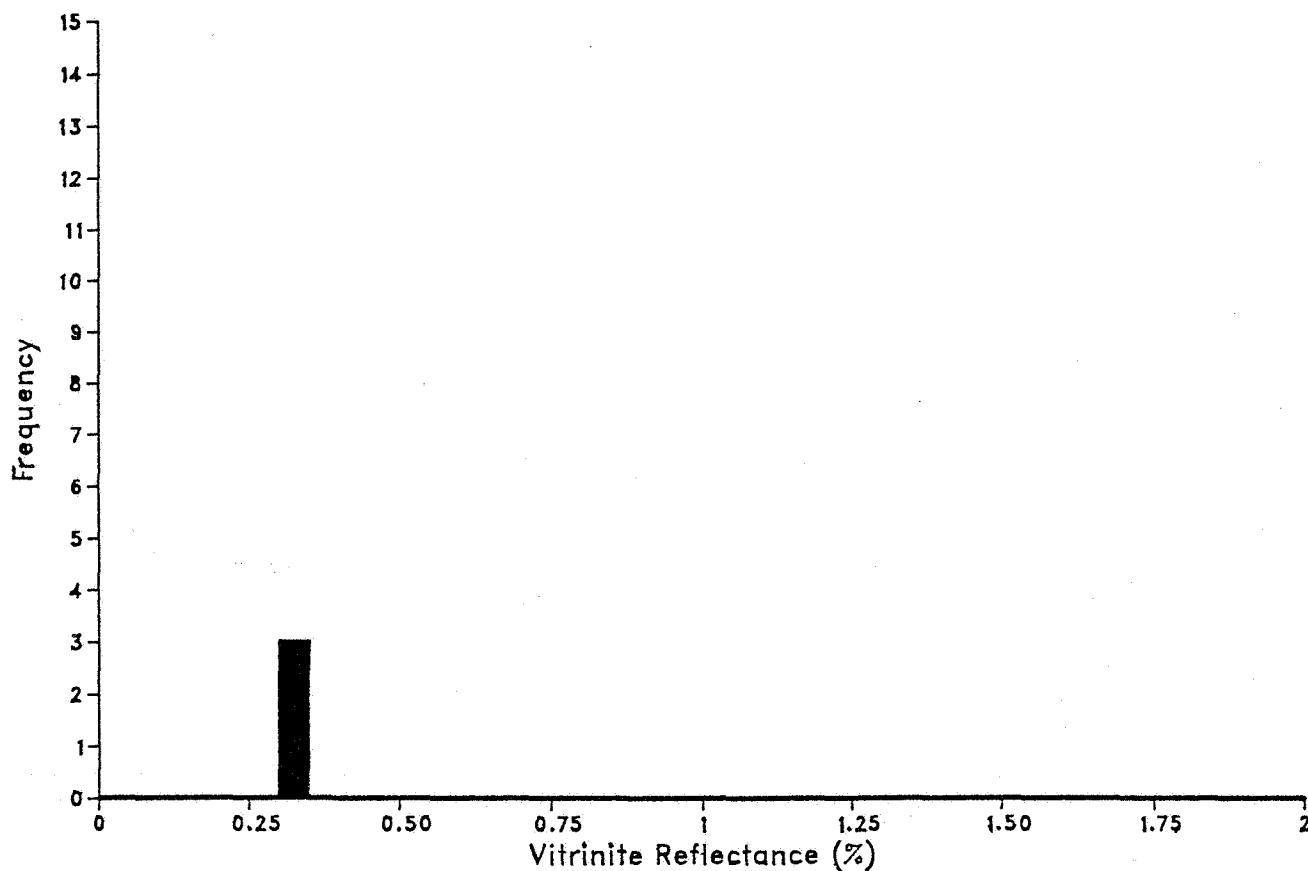
Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.200 to 0.300):	0.24	0.02	5

Readings:
0.217 0.228 0.246 0.261 0.263

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 34/7-18
Depth: 1503,00(m)

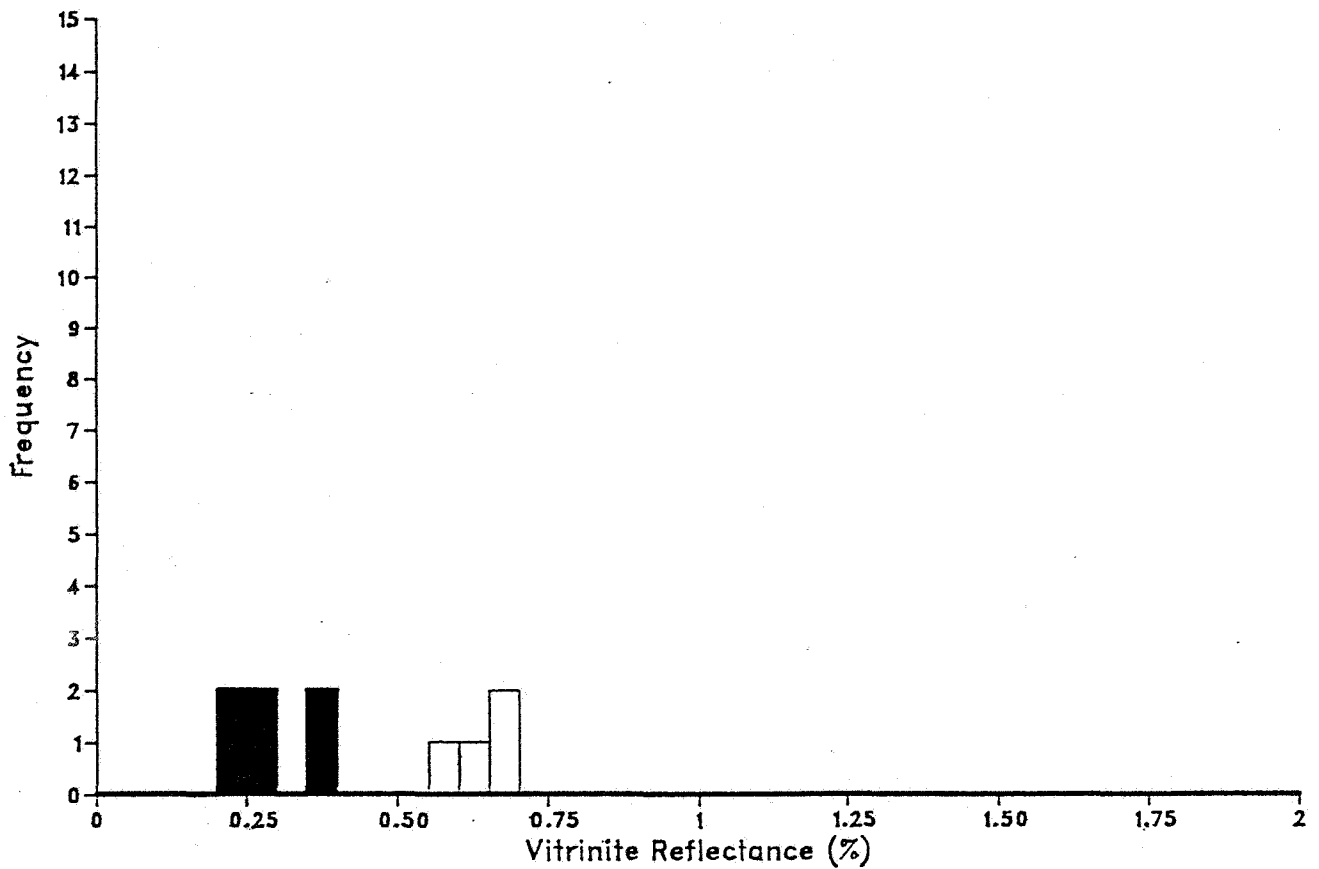


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.300 to 0.350):	0.34	0.01	3

Readings:
0.329 0.344 0.347

Vitrinite Reflectance Histogram

Well: NOCS 34/7-18
Depth: 1650.00(m)



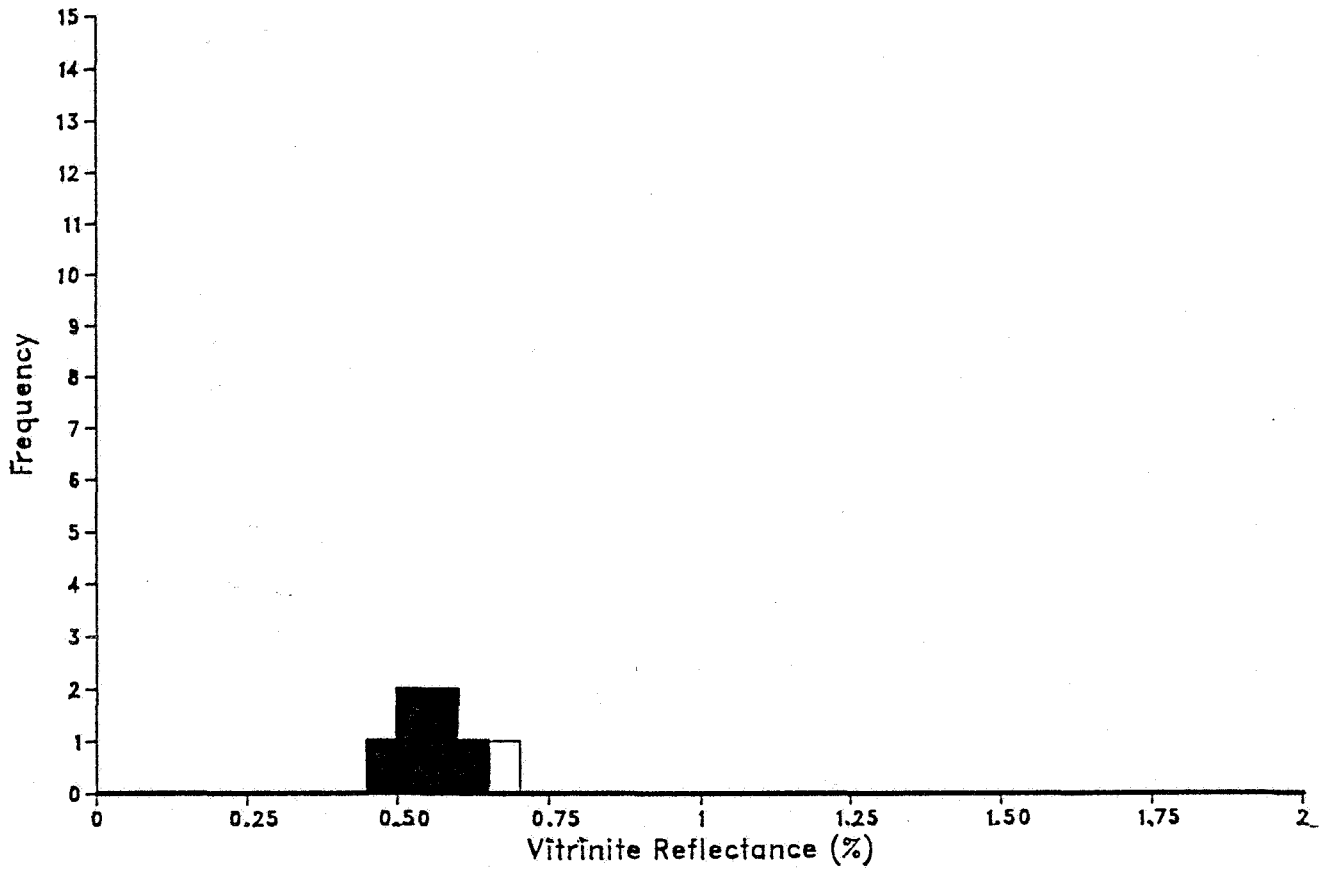
Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.200 to 0.400):	0.28	0.06	6
Population Two (from 0.550 to 0.700):	0.64	0.04	4

Readings:
0.220 0.227 0.256 0.257 0.356 0.362 0.586 0.633 0.652 0.676

Vitrinite Reflectance Histogram

GEOLAB  NOR

Well: NOCS 34/7-18
Depth: 1758.00(m)



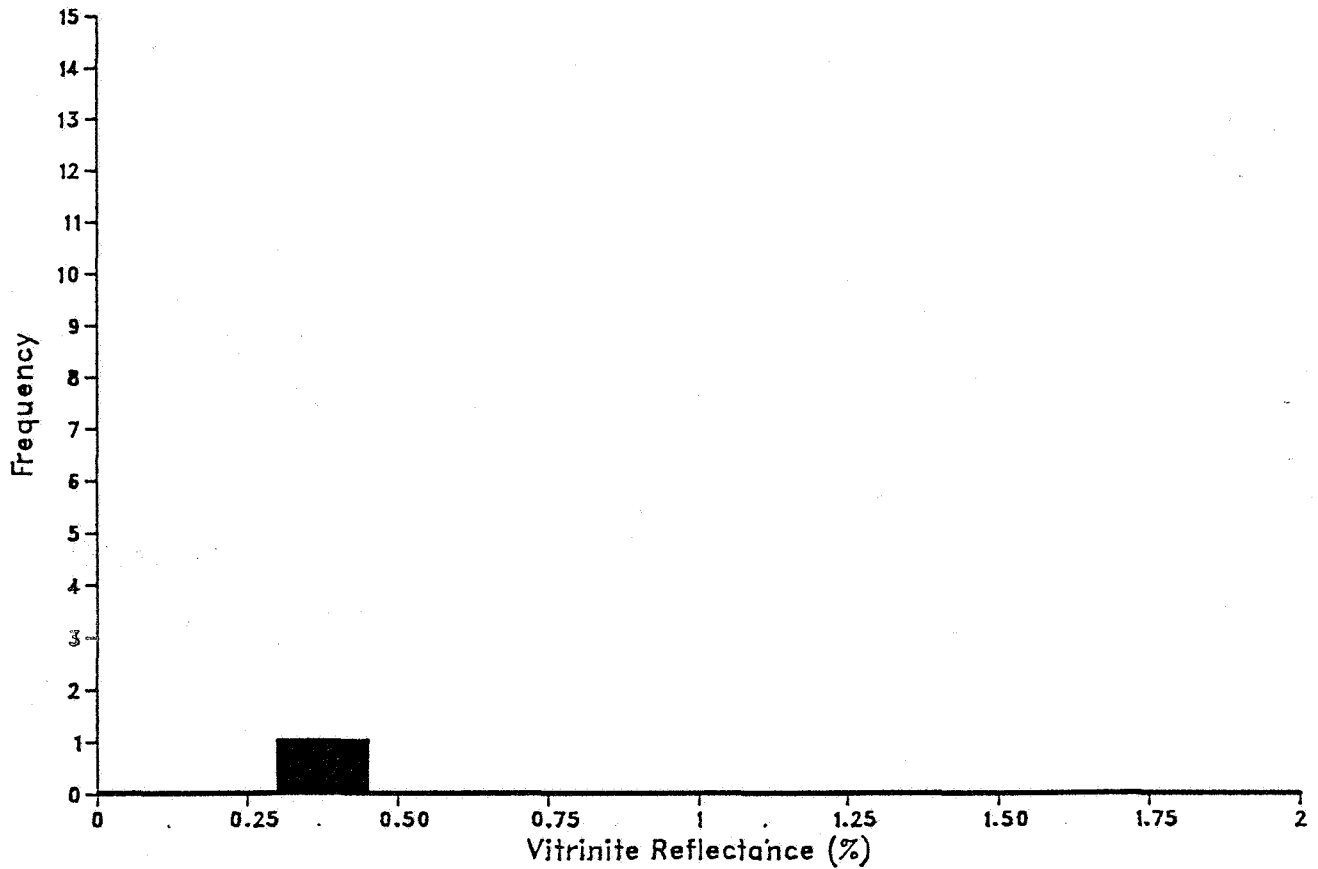
Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.450 to 0.650):	0.55	0.06	6
Population Two (from 0.651 to 0.700):	0.68	0.00	1

Readings:
0.469 0.502 0.535 0.568 0.580 0.622 0.675

Vitrinite Reflectance Histogram

GEOLAB  NOR

Well: NOCS 34/7-18
Depth: 1758.00(m)



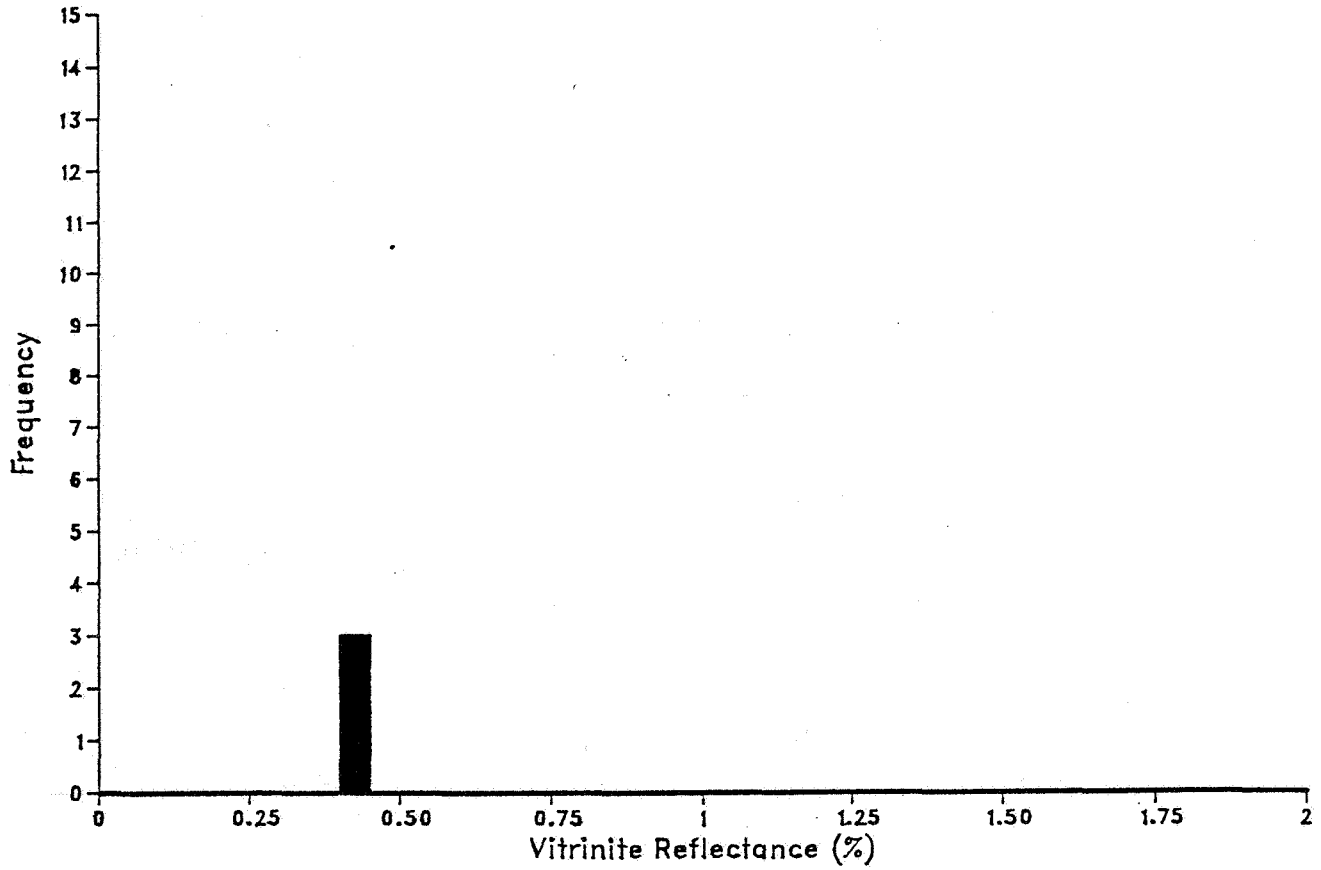
Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.300 to 0.450):	0.36	0.04	3

Readings:
0.327 0.354 0.409

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 34/7-18
Depth: 1806.00(m)

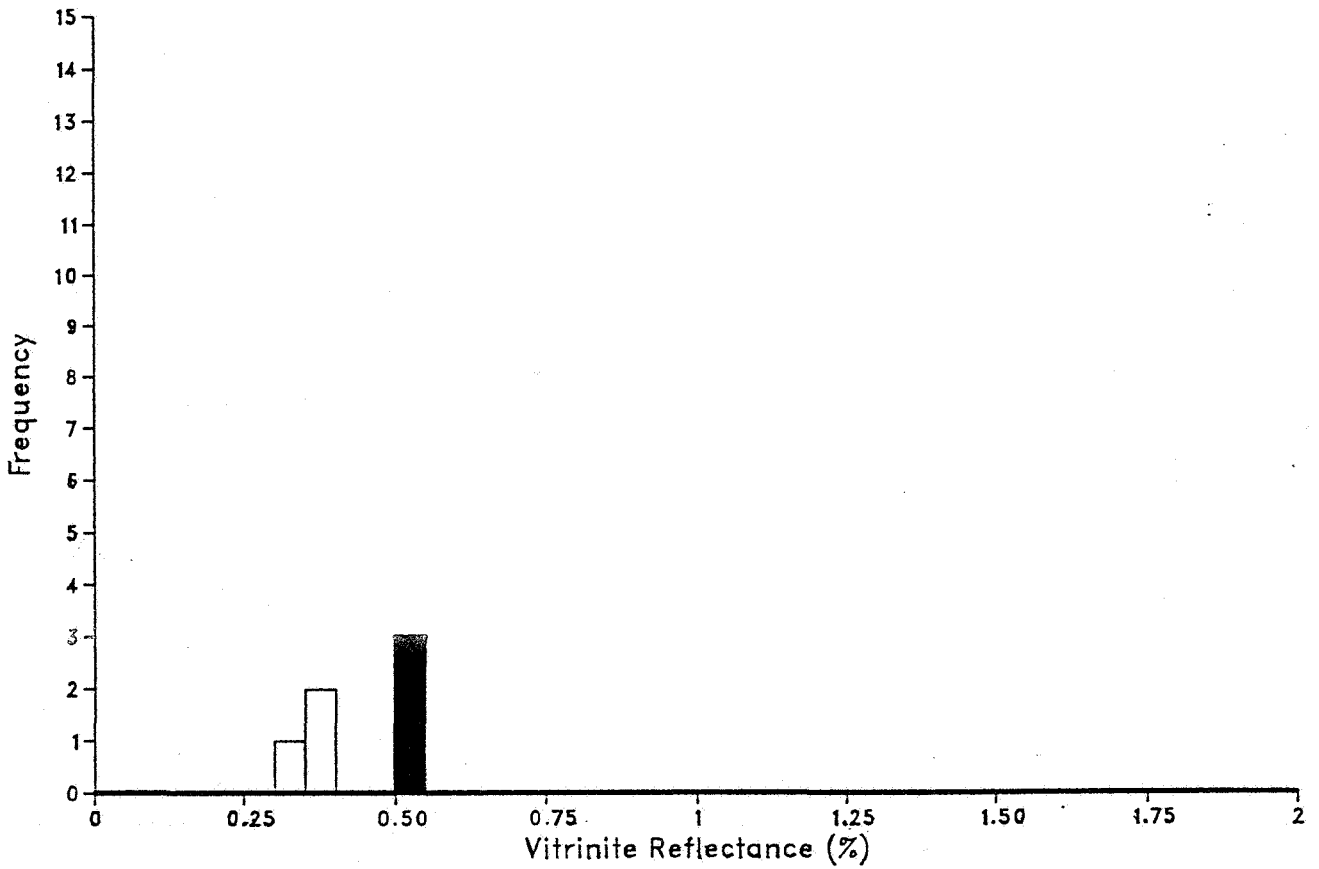


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.400 to 0.450):	0.44	0.01	3

Readings:
0.430 0.433 0.445

Vitrinite Reflectance Histogram

Well: NOCS 34/7-18
Depth: 1835.00(m)



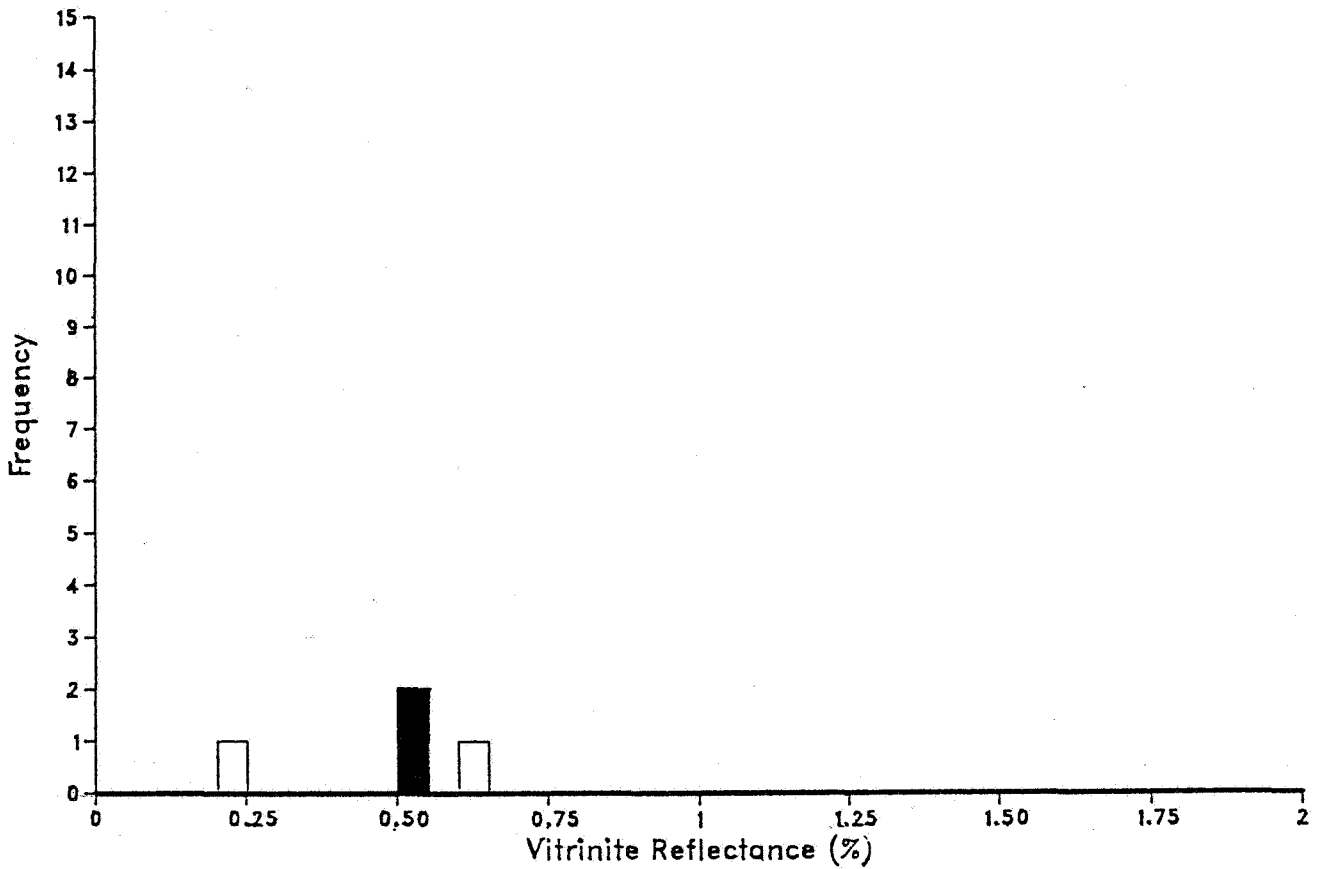
Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.500 to 0.550):	0.53	0.01	3
Population Two (from 0.300 to 0.400):	0.36	0.02	3

Readings:
0.339 0.364 0.383 0.522 0.539 0.539

Vitrinite Reflectance Histogram

GEOLAB  NOR

Well: NOCS 34/7-18
Depth: 1940.00(m)



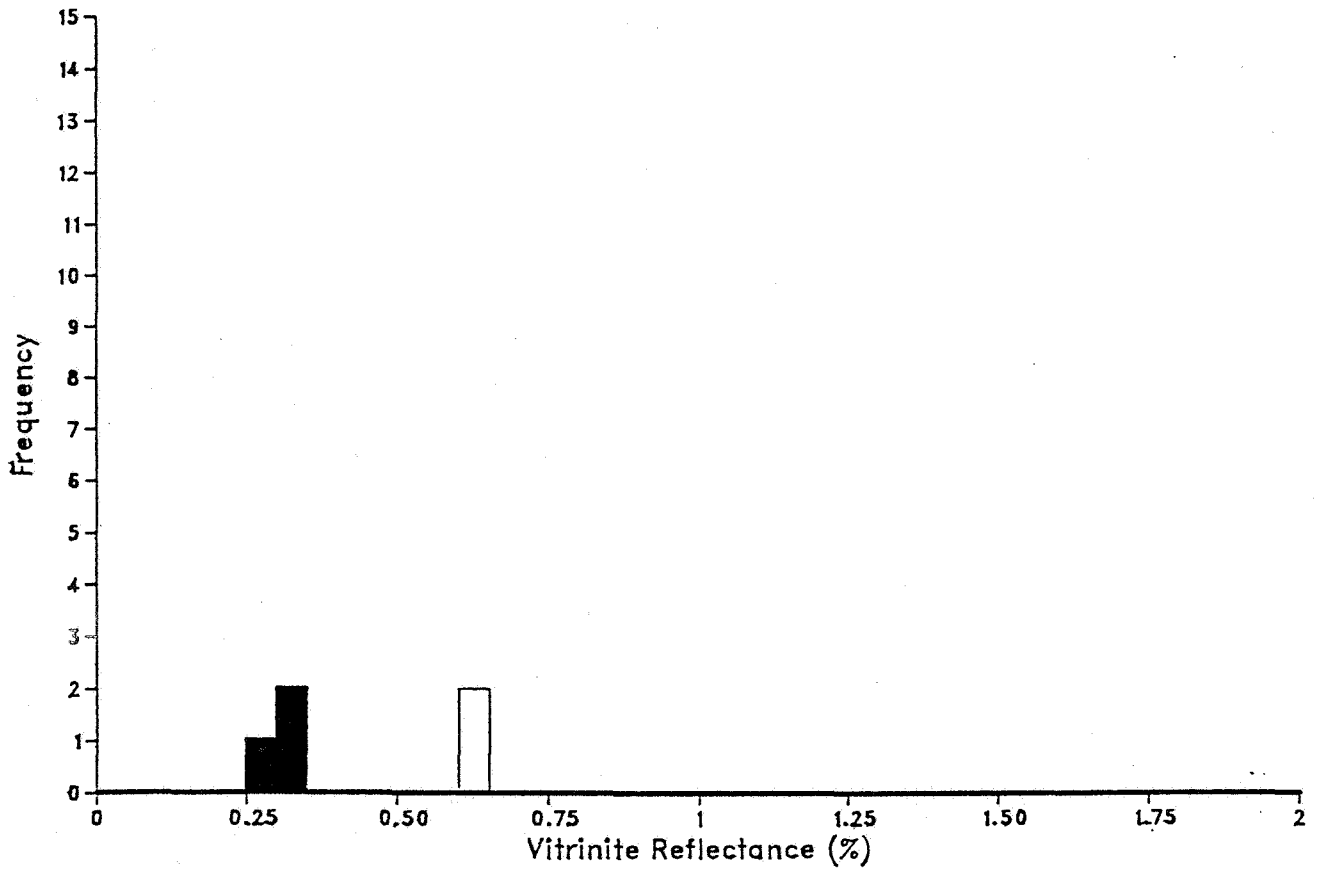
Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.500 to 0.550):	0.54	0.00	2
Population Two (from 0.200 to 0.499):	0.23	0.00	1
Population Three (from 0.551 to 0.650):	0.65	0.00	1

Readings:
0.228 0.542 0.543 0.650

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 34/7-18
Depth: 2030.00(m)

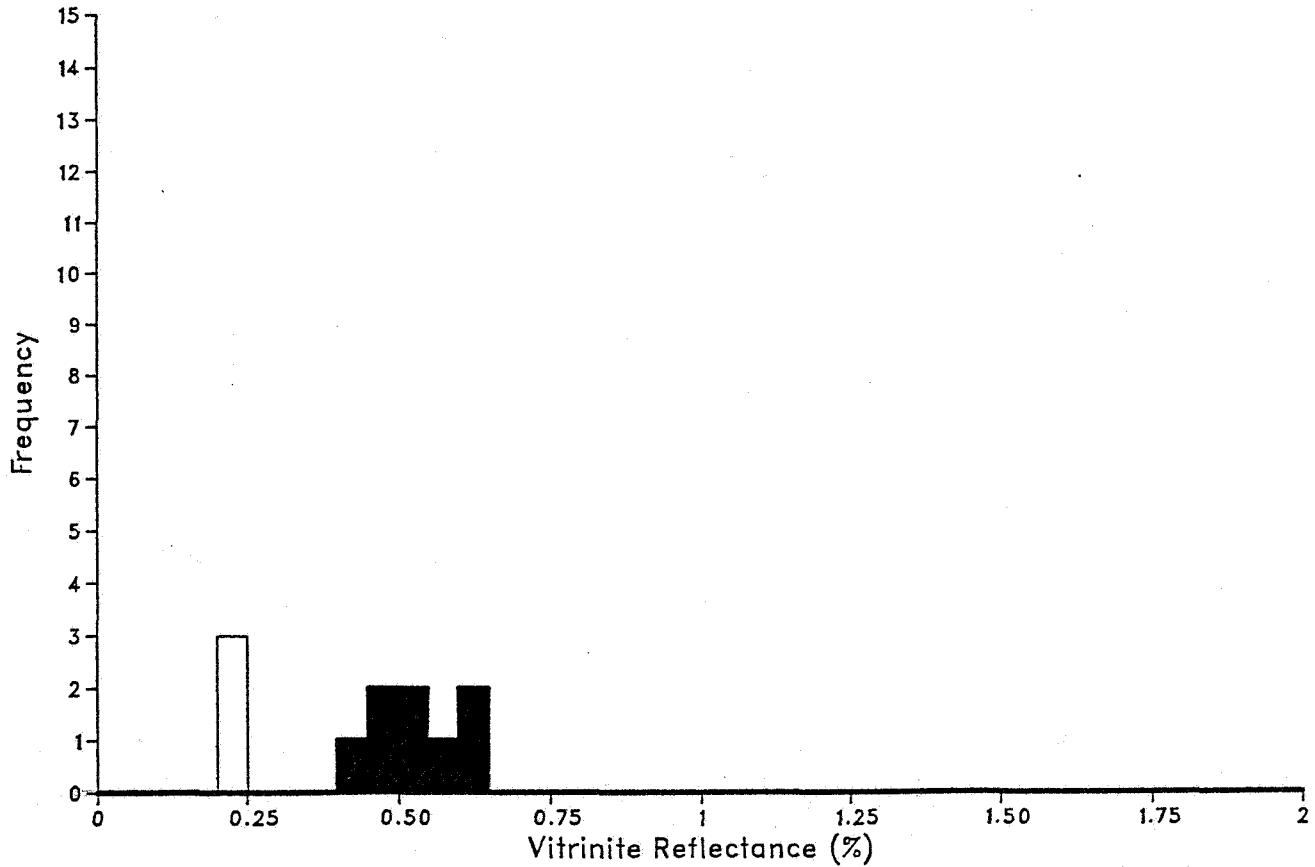


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.250 to 0.350):	0.32	0.04	3
Population Two (from 0.600 to 0.650):	0.63	0.01	2

Readings:
0.274 0.340 0.342 0.629 0.638

Vitrinite Reflectance Histogram

Well: NOCS 34/7-18
 Depth: 2030.00(m)



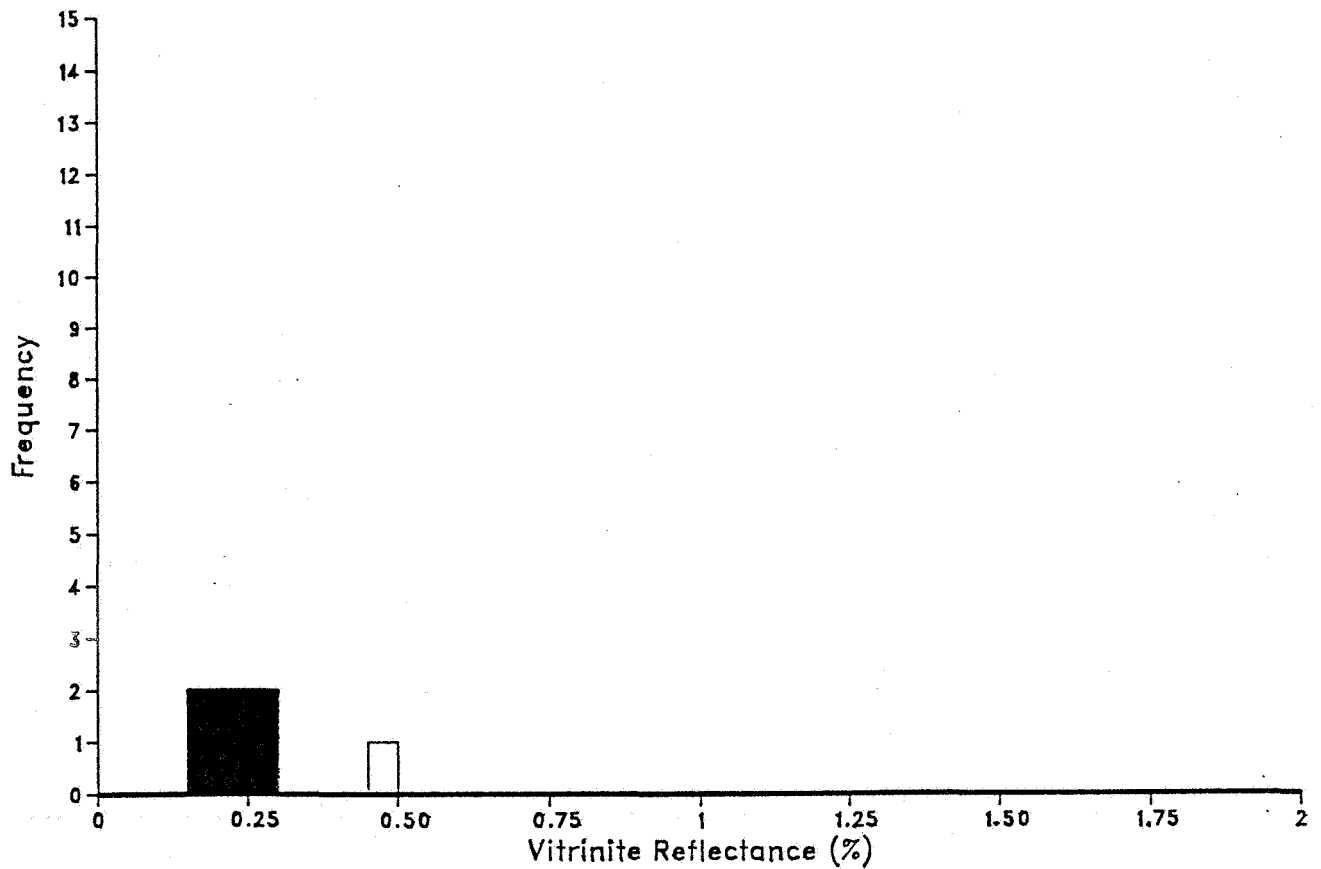
Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.400 to 0.650):	0.53	0.07	8
Population Two (from 0.200 to 0.250):	0.23	0.01	3

Readings:
0.216 0.227 0.233 0.428 0.485 0.495 0.501 0.519 0.565 0.609 0.636

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 34/7-18
Depth: 2125.00(m)



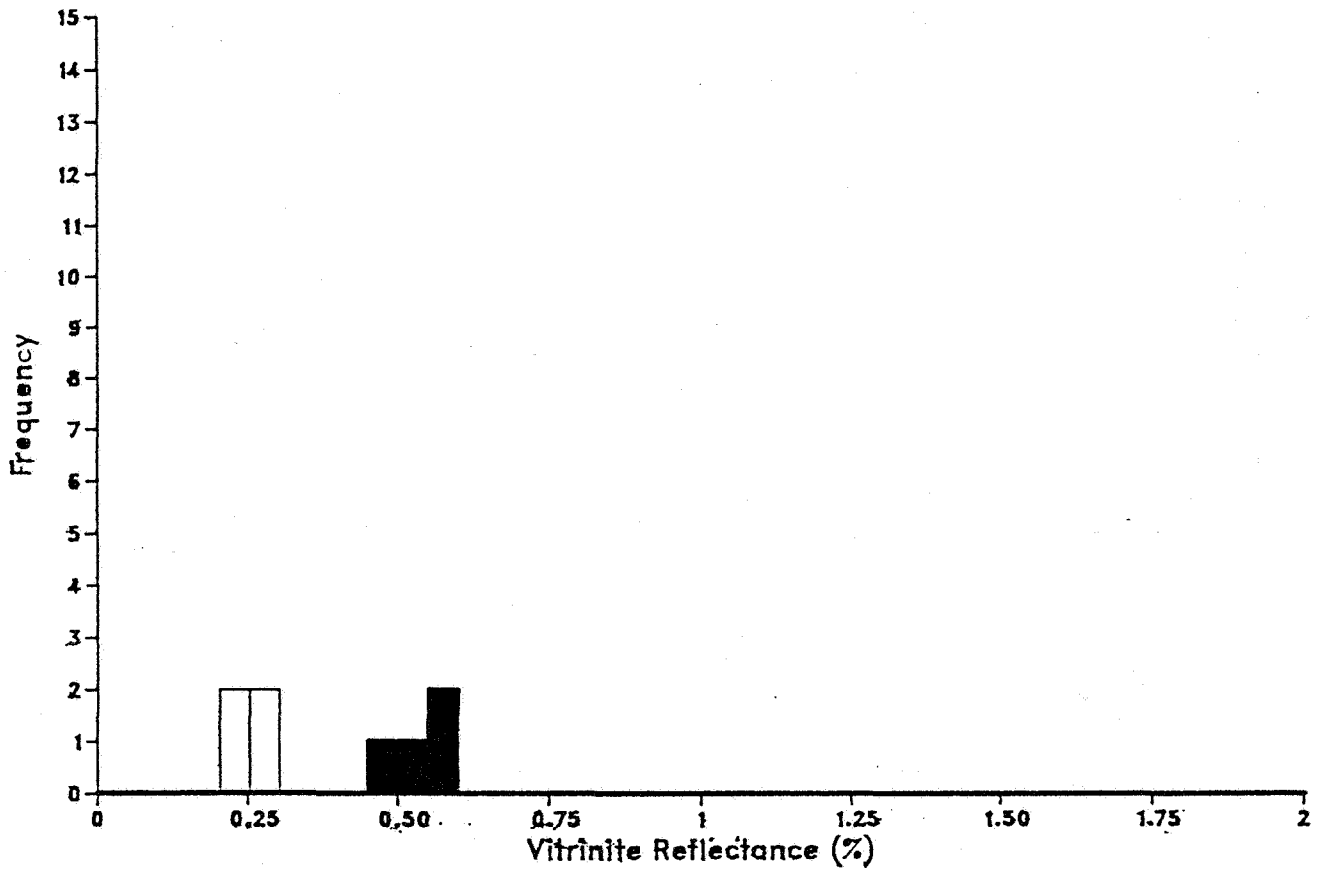
Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.150 to 0.300):	0.23	0.05	6
Population Two (from 0.301 to 0.500):	0.47	0.00	1

Readings:
0.151 0.184 0.233 0.248 0.262 0.280 0.465

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 34/7-18
Depth: 2125.00(m)

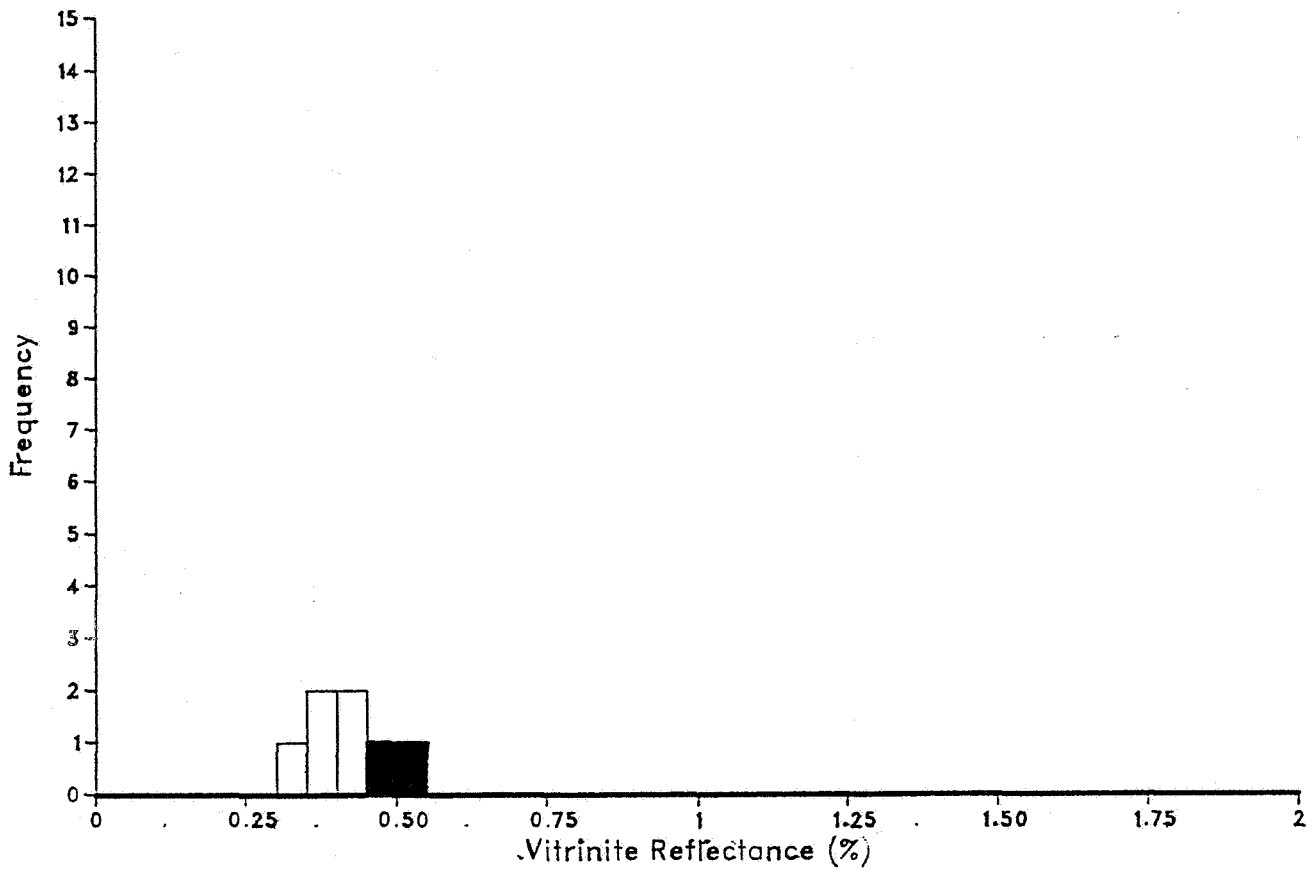


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.450 to 0.600):	0.54	0.05	4
Population Two (from 0.200 to 0.300):	0.25	0.05	4

Readings:
0.206 0.211 0.297 0.299 0.473 0.549 0.576 0.576

Vitrinite Reflectance Histogram

Well: NOCS 34/7-18
 Depth: 2250.00(m)



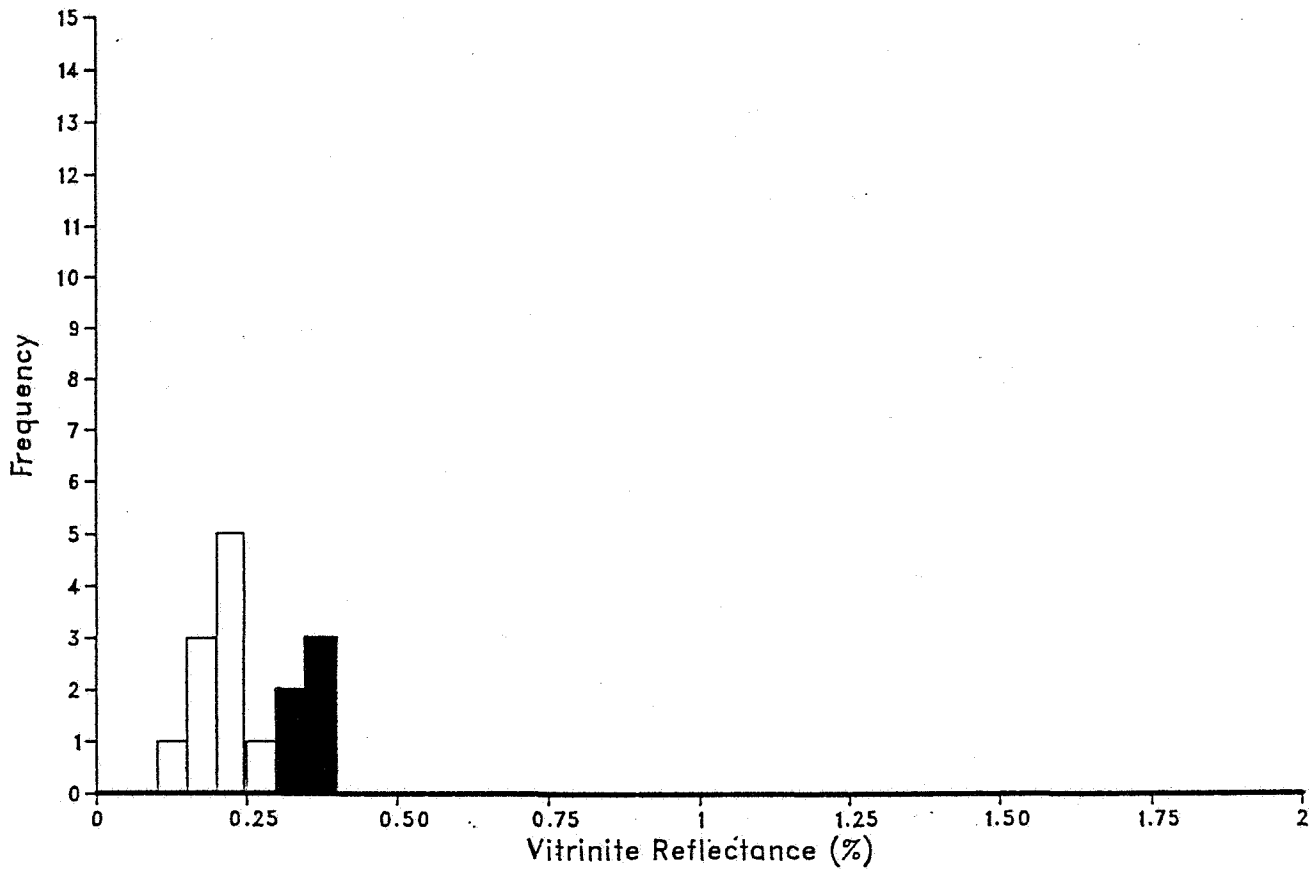
Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.450 to 0.550):	0.52	0.03	2
Population Two (from 0.300 to 0.450):	0.40	0.05	5

Readings:
0.323 0.394 0.396 0.437 0.439 0.491 0.540

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 34/7-18
Depth: 2250.00(m)

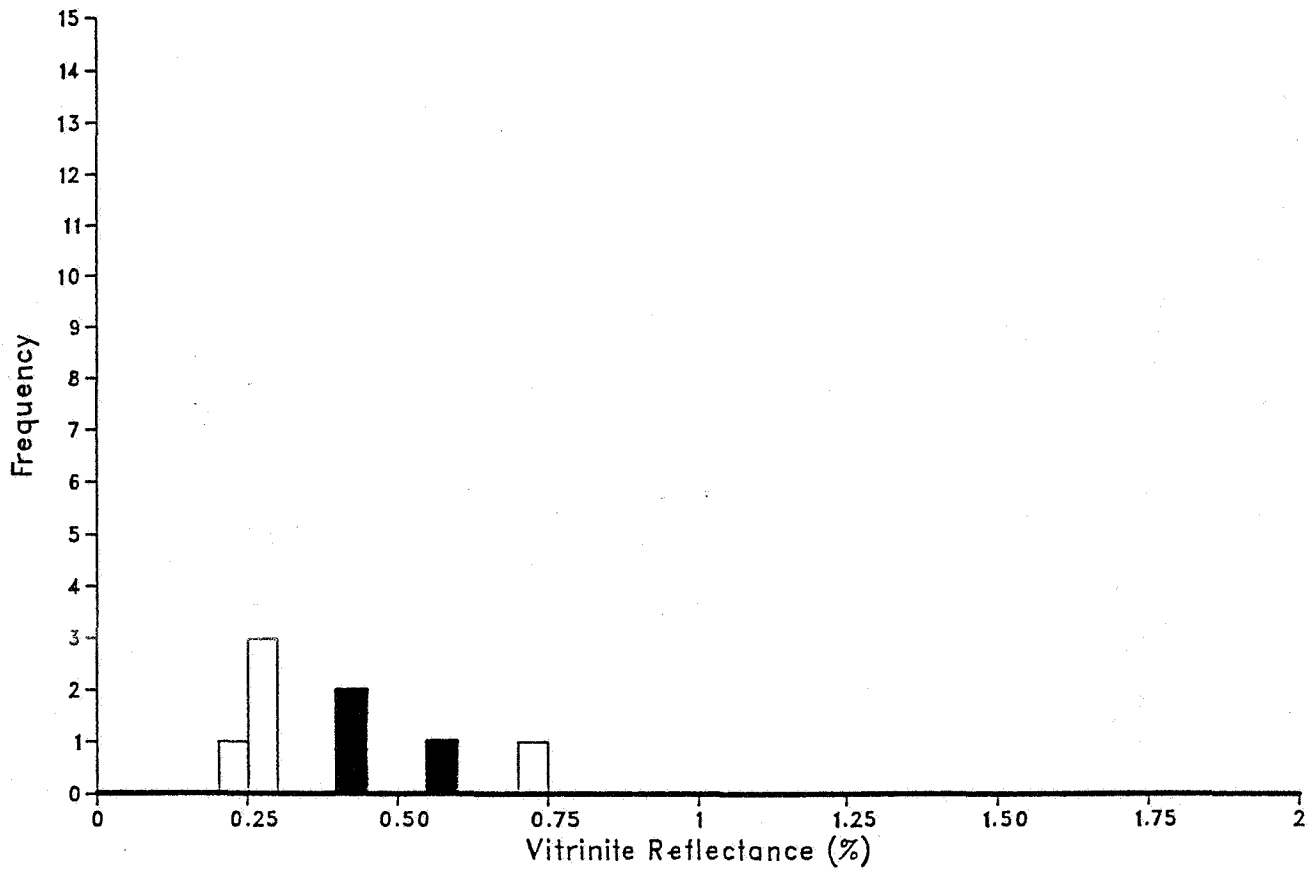


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.300 to 0.400):	0.34	0.03	5
Population Two (from 0.100 to 0.300):	0.20	0.04	10

Readings:									
0.145	0.157	0.176	0.189	0.206	0.206	0.207	0.212	0.239	0.289
0.306	0.320	0.363	0.363	0.372					

Vitrinite Reflectance Histogram

Well: NOCS 34/7-18
Depth: 2280.50(m)

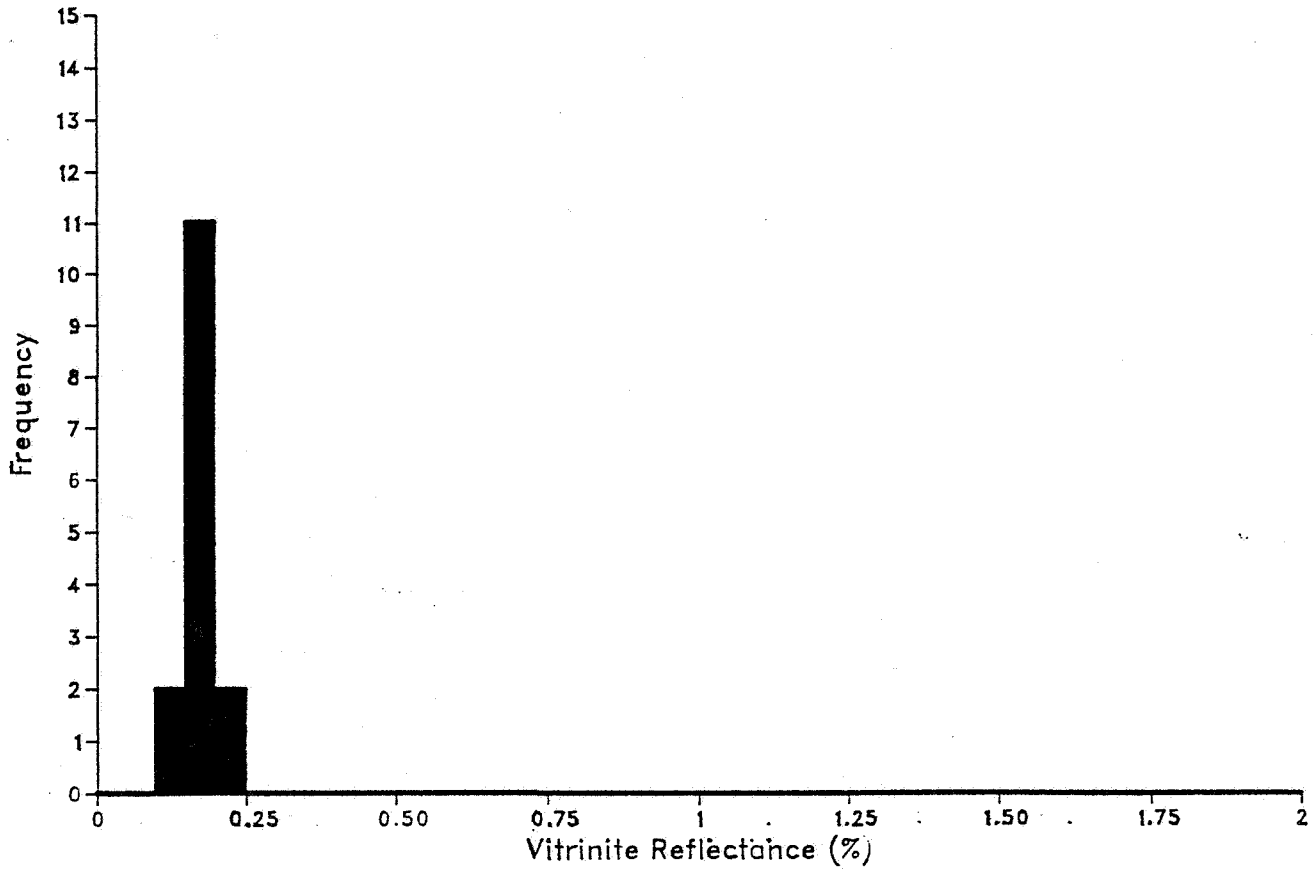


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.400 to 0.600):	0.49	0.08	3
Population Two (from 0.200 to 0.300):	0.26	0.01	4
Population Three (from 0.700 to 0.750):	0.70	0.00	1

Readings:
0.240 0.262 0.264 0.265 0.434 0.448 0.577 0.701

Vitrinite Reflectance Histogram

Well: NOCS 34/7-18
 Depth: 2394.00(m)

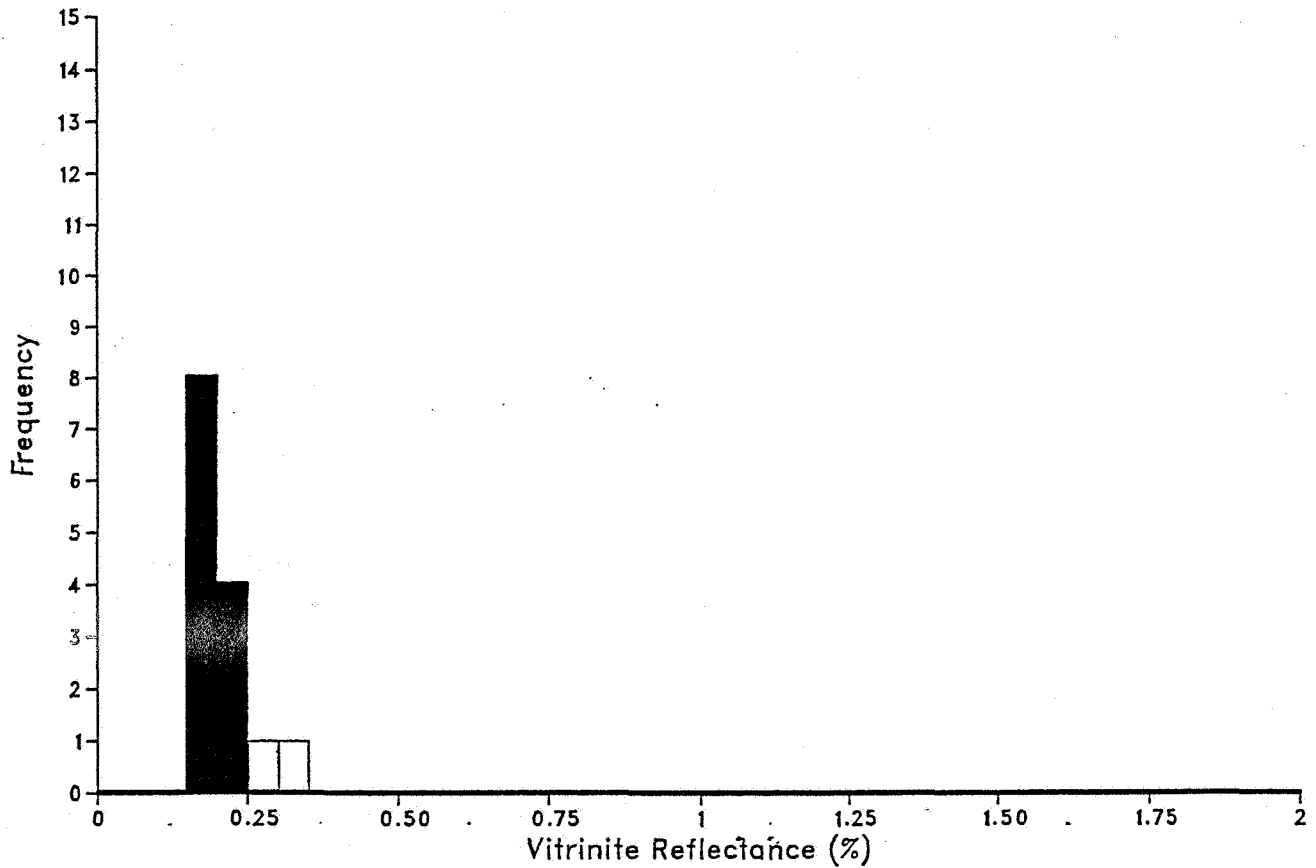


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.100 to 0.250):	0.17	0.03	15

Readings:									
0.136	0.144	0.153	0.159	0.162	0.163	0.165	0.168	0.174	0.176
0.178	0.183	0.189	0.204	0.240					

Vitrinite Reflectance Histogram

Well: NOCS 34/7-18
Depth: 2394.00(m)



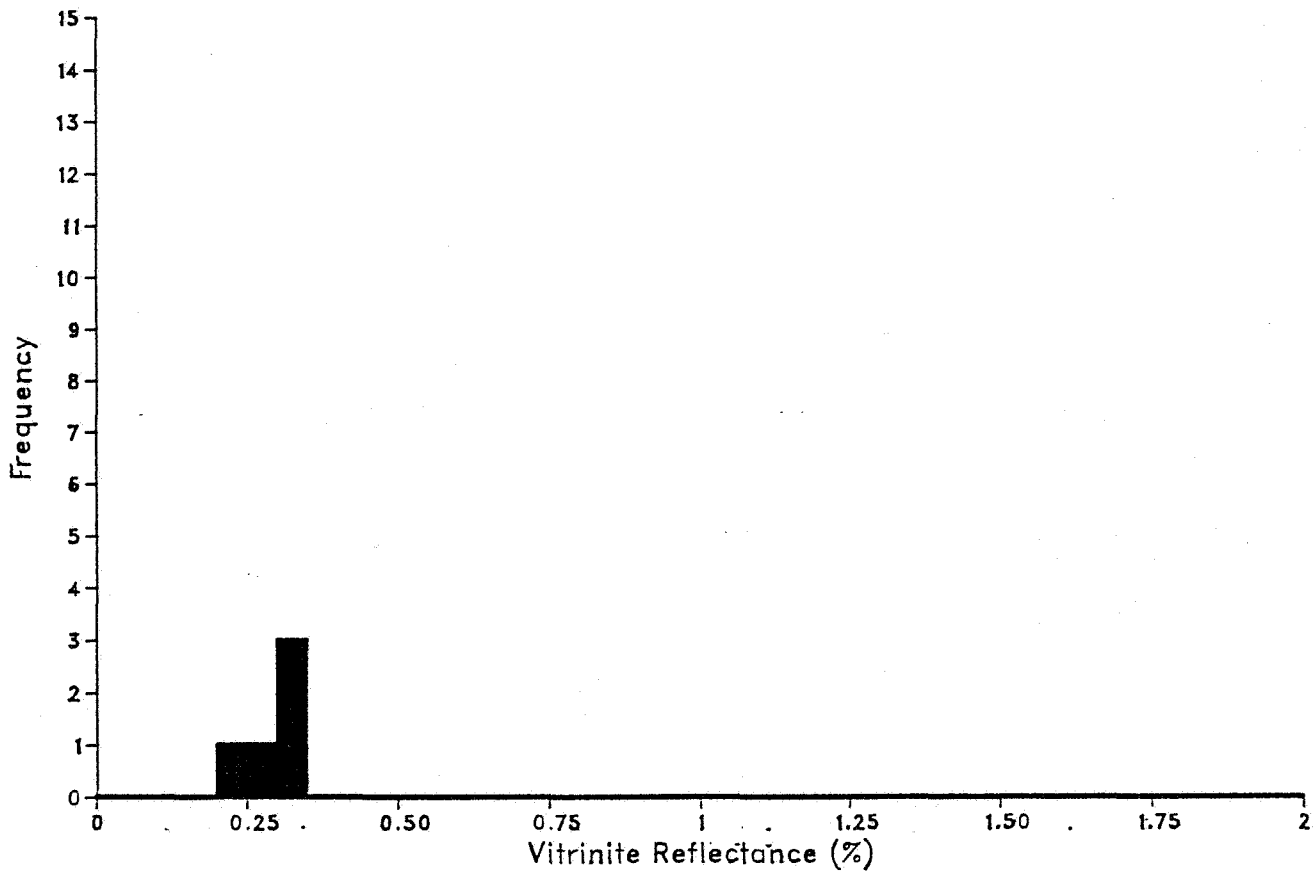
Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.150 to 0.250):	0.19	0.02	12
Population Two (from 0.250 to 0.350):	0.29	0.06	2

Readings:									
0.157	0.162	0.168	0.182	0.184	0.193	0.195	0.195	0.201	0.224
0.225	0.226	0.251	0.335						

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 34/7-18
Depth: 2406.00(m)



Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.200 to 0.350):	0.29	0.04	5

Readings:
0.234 0.258 0.302 0.318 0.332