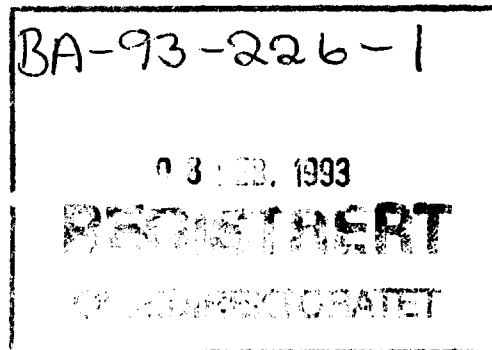


U-637

GEOCHEMICAL REPORT

NOCS Well 2/7-22



Client : BP Petroleum Development
(Norway) Ltd.

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INTRODUCTION

The well NOCS 2/7-22 is situated south-west of the Eldfisk South oil field in the Central Graben, Norwegian North Sea (Figure 1). The well was drilled to a total depth of 4750 m. An oil-based drill mud was used below 4170 m and influences the reliability of the geochemical data on samples below this depth.

Samples from the interval 1800 - 4750 m (TD) were supplied by BP Norway Ltd., and a total of 107 cuttings samples was washed and lithologically described. From the 107 samples examined, 78 lithologies were selected for screening analyses (TOC, Rock-Eval) and 28 lithologies were selected for vitrinite reflectance. Based on the results from the screening analyses, the following numbers of samples were selected for further analysis:

Visual kerogen microscopy 23 samples

Pyrolysis - gas chromatography 16 samples

In addition, 12 samples were solvent extracted and re-analysed by TOC/Rock-Eval due to contamination by the oil-based drill mud. The analysis programme for the extracted samples includes:

Pyrolysis - gas chromatography 10 samples

Gas chromatography of extracts 3 samples

Sample lists and tabulated analytical data are displayed in Appendix 1.

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-----|--|-----|-------------------------------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 1800.00 | | | | N/h | | 0035 |
| | 3.40 | 100 | | Sh/Clst: pl brn to brn gy, mic tr Sltst : or gy to pl y brn | | 0035-1L 0035-2L |
| 1920.00 | | | | N/h | | 0036 |
| | 1.58 | 100 | | Sh/Clst: pl brn to brn gy to lt brn gy, mic, pyr tr Sltst : or gy to pl y brn tr Coal : blk | | 0036-1L 0036-2L 0036-3L |
| 2030.00 | | | | N/h | | 0037 |
| | 3.45 | 95 | | Sh/Clst: pl brn to gy brn to lt brn gy, mic 5 Sltst : or gy to pl y brn, carb | | 0037-1L 0037-2L |
| 2130.00 | | | | N/h | | 0038 |
| | 3.25 | 80 | | Ca : or gy to lt or 20 Sh/Clst: lt brn gy to pl brn to gy brn, mic tr Cont : prp | | 0038-1L 0038-2L 0038-3L |
| 2370.00 | | | | N/h | | 0039 |
| | 1.45 | 95 | | Sh/Clst: lt brn gy to pl brn to gy brn, mic 5 Ca : ol gy to lt or to or gy | | 0039-1L 0039-2L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|-----|--|-----|-----|---------|
| Int Cvd | TOC% | % | Lithology description | | | |
| 2490.00 | | | | | | 0040 |
| | 1.21 | 95 | Sh/Clst: lt brn gy to lt gy, mic | | | 0040-1L |
| | | 5 | Ca : lt brn to or gy | | | 0040-2L |
| 2610.00 | | | | | | 0041 |
| | 1.39 | 80 | Sh/Clst: lt brn gy to lt gy to pl brn, mic | | | 0041-1L |
| | | 20 | Ca : lt brn to or gy, slt | | | 0041-2L |
| 2730.00 | | | | | | 0042 |
| | 0.96 | 90 | Sh/Clst: lt brn gy to lt gy to pl brn, mic | | | 0042-1L |
| | | 10 | Ca : lt brn to or gy, slt | | | 0042-2L |
| 2850.00 | | | | | | 0043 |
| | 0.97 | 95 | Sh/Clst: lt gy to lt bl gy, mic, slt | | | 0043-1L |
| | | 5 | Ca : lt brn to or gy, slt | | | 0043-2L |
| 3090.00 | | | | | | 0044 |
| | 1.55 | 100 | Ca : w to ol gy to lt or | | | 0044-1L |
| | | | tr Sh/Clst: lt gy to lt bl gy, carb, mic | | | 0044-2L |
| 3210.00 | | | | | | 0045 |
| | 0.87 | 100 | Ca : ol gy to lt or | | | 0045-1L |
| | | | tr Cont : dd | | | 0045-2L |
| 3330.00 | | | | | | 0046 |
| | 1.15 | 100 | Ca : ol gy to lt or | | | 0046-1L |
| | | | tr Cont : dd | | | 0046-2L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|-----|-----------------------|-----------------------------|-----|---------|
| Int Cvd | TOC% | % | Lithology description | | | |
| 3450.00 | | | | | | 0047 |
| | 0.88 | 100 | Ca | : ol gy to lt or | | 0047-1L |
| | | tr | Cont | : dd | | 0047-2L |
| 3570.00 | | | | | | 0048 |
| | 0.99 | 100 | Ca | : ol gy to lt or | | 0048-1L |
| | | tr | Cont | : dd | | 0048-2L |
| 3780.00 | | | | | | 0049 |
| | 1.49 | 100 | Ca | : ol gy to lt or | | 0049-1L |
| | | tr | Cont | : dd | | 0049-2L |
| 3810.00 | | | | | | 0067 |
| | 2.40 | 60 | Sh/Clst: | drk gy to brn blk, carb | | 0067-1L |
| | | 20 | Ca | : or gy to lt gy | | 0067-2L |
| | | 20 | Cont | : dd | | 0067-3L |
| 3840.00 | | | | | | 0068 |
| | 1.60 | 100 | Ca | : ol gy to lt or | | 0068-1L |
| | | tr | Sh/Clst: | drk gy to ol gy, mic, glauc | | 0068-2L |
| 3870.00 | | | | | | 0069 |
| | 1.74 | 100 | Ca | : ol gy to lt or | | 0069-1L |
| | | tr | Sh/Clst: | drk gy to ol gy, mic, glauc | | 0069-2L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|----------|--|-----|-------------------------------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 3900.00 | | | | | | 0070 |
| | 1.20 | 100 | Ca | : ol gy to lt or to or gy tr Sh/Clst: drk gy to gn gy to ol gy, mic, glauc, carb | | 0070-1L 0070-2L |
| 3930.00 | | | | | | 0071 |
| | 1.17 | 100 | Ca | : ol gy to gy pi to lt or | | 0071-1L |
| 3960.00 | | | | | | 0027 |
| | 1.36 | 90 | Ca | : lt gy to lt or to w 10 Cont : dd | | 0027-1L 0027-2L |
| 3990.00 | | | | | | 0019 |
| | 3.01 | 60 | Sh/Clst: | drk gy to brn blk 30 Ca : lt gy to or gy 10 Cont : dd | | 0019-1L 0019-2L 0019-3L |
| 4020.00 | | | | | | 0020 |
| | 1.15 | 90 | Ca | : or gy to lt or to w 10 Sh/Clst: brn blk to drk gy, carb tr Cont : prp | | 0020-1L 0020-2L 0020-3L |
| 4050.00 | | | | | | 0032 |
| | 1.33 | 100 | Ca | : m gy to lt brn gy to brn gy tr Sh/Clst: brn blk to drk gy, carb tr Cont : dd | | 0032-1L 0032-2L 0032-3L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|-----|-----------------------|----------------------------|-----|---------|
| Int Cvd | TOC% | % | Lithology description | | | |
| 4080.00 | | | | | | 0021 |
| | 1.35 | 90 | Ca | : or gy to lt or to w | | 0021-1L |
| | | 10 | Cont | : dd | | 0021-2L |
| 4101.00 | | | | | | 0096 |
| | 0.59 | 100 | Ca | : lt or to lt gy to m gy | | 0096-1L |
| 4122.00 | | | | | | 0097 |
| | 0.96 | 100 | Ca | : lt or to lt gy to m gy | | 0097-1L |
| 4140.00 | | | | | | 0022 |
| | 2.65 | 90 | Sh/Clst: | brn blk to drk gy, carb | | 0022-1L |
| | | 10 | Cont | : dd | | 0022-2L |
| 4149.00 | | | | | | 0098 |
| | | 100 | Ca | : lt gy to m gy | | 0098-1L |
| 4161.00 | | | | | | 0099 |
| | | 100 | Ca | : lt gy to m gy to pl pu | | 0099-1L |
| 4170.00 | | | | | | 0023 |
| | 2.78 | 90 | Sh/Clst: | brn blk to drk gy, carb | | 0023-1L |
| | | 10 | Sh/Clst: | m brn to gy brn, slt, carb | | 0023-2L |
| | | tr | Cont | : dd | | 0023-3L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-----|--|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 4179.00 | | | | | | 0100 |
| | | | | 50 Ca : lt gy to m gy | | 0100-1L |
| | | | | 50 Sh/Clst: pl brn to pl red brn, carb | | 0100-2L |
| 4191.00 | | | | | | 0101 |
| | | | | 50 Ca : lt or to lt gy to m gy | | 0101-1L |
| | | | | 50 Sh/Clst: pl brn to pl red brn, carb | | 0101-2L |
| 4200.00 | | | | | | 0028 |
| | 2.35 | | | 80 Sh/Clst: brn blk to drk gy, carb | | 0028-1L |
| | | | | 15 Ca : lt gy to lt or | | 0028-2L |
| | | | | 5 Cont : dd | | 0028-3L |
| 4205.00 | | | | | | 0050 |
| | | | | 85 Sh/Clst: brn blk to drk gy, carb | | 0050-1L |
| | | | | 15 Cont : dd, cem | | 0050-2L |
| | | | | tr Ca : lt or to or gy | | 0050-3L |
| 4210.00 | | | | | | 0051 |
| | 2.57 | | | 95 Sh/Clst: brn blk to drk gy, carb | | 0051-1L |
| | | | | 5 Cont : dd, cem | | 0051-2L |
| 4215.00 | | | | | | 0052 |
| | | | | 90 Sh/Clst: brn blk to drk gy, carb | | 0052-1L |
| | | | | 5 Sh/Clst: lt pu to pl brn to gy brn | | 0052-2L |
| | | | | 5 Cont : cem, dd | | 0052-3L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|----------|----------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 4220.00 | | | | | | 0053 |
| | 1.92 | 90 | Sh/Clst: | brn blk to drk gy, carb | | 0053-1L |
| | | 5 | Sh/Clst: | lt pu to pl brn to gy brn | | 0053-2L |
| | | 5 | Cont | : cem, dd | | 0053-3L |
| 4225.00 | | | | | | 0054 |
| | | 85 | Sh/Clst: | brn blk to drk gy, carb | | 0054-1L |
| | | 10 | Cont | : cem, dd | | 0054-2L |
| | | 5 | Sh/Clst: | lt brn gy to pl brn, carb | | 0054-3L |
| | | tr | Cont | : prp | | 0054-4L |
| 4235.00 | | | | | | 0055 |
| | 1.85 | 95 | Sh/Clst: | brn blk to drk gy, carb | | 0055-1L |
| | | 5 | Cont | : cem, dd | | 0055-2L |
| | | tr | Sh/Clst: | lt brn gy to pl brn, carb | | 0055-3L |
| | | tr | Cont | : prp | | 0055-4L |
| 4245.00 | | | | | | 0024 |
| | 2.11 | 90 | Sh/Clst: | brn blk to drk gy, carb | | 0024-1L |
| | | 10 | Cont | : dd, cem | | 0024-2L |
| | | tr | Sh/Clst: | m brn to gy brn, carb, slt | | 0024-3L |
| 4250.00 | | | | | | 0029 |
| | 4.56 | 85 | Sh/Clst: | drk gy to brn blk | | 0029-1L |
| | | 10 | Sh/Clst: | m brn to gy brn | | 0029-2L |
| | | 5 | Cont | : dd, cem | | 0029-3L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample | |
|---------|------|-----|-----------------------|---|-----|---------|--|
| Int Cvd | TOC% | % | Lithology description | | | | |
| 4260.00 | | | | | | 0056 | |
| | 7.84 | | 70 | Sh/Clst: brn blk to drk gy, carb | | 0056-1L | |
| | | | 20 | Sh/Clst: lt gy to drk gy, mic, carb | | 0056-2L | |
| | | | 10 | Cont : cem, dd | | 0056-3L | |
| | | | tr | Sh/Clst: pl brn to gy brn | | 0056-4L | |
| 4265.00 | | | | | | 0057 | |
| | | | 90 | Sh/Clst: lt gy to m gy to lt bl gn, carb, glauc | | 0057-1L | |
| | | | 10 | Cont : cem, dd | | 0057-2L | |
| | | | tr | Sh/Clst: pl brn to gy brn | | 0057-3L | |
| 4270.00 | | | | | | 0058 | |
| | 1.80 | | 70 | Sh/Clst: brn blk to drk gy, carb | | 0058-1L | |
| | | | 20 | Sh/Clst: m gy to drk gy, carb, mic | | 0058-2L | |
| | | | 10 | Cont : dd | | 0058-3L | |
| | | | tr | Sh/Clst: pl brn to gy brn | | 0058-4L | |
| | | | tr | Sh/Clst: lt bl gn, glauc | | 0058-5L | |
| 4275.00 | | | | | | 0059 | |
| | | | 80 | Sh/Clst: m gy to drk gy to brn blk, carb | | 0059-1L | |
| | | | 15 | Cont : dd, cem | | 0059-2L | |
| | | | 5 | Sh/Clst: pl brn to gy brn | | 0059-3L | |
| 4280.00 | | | | | | 0033 | |
| | 1.97 | | 85 | Sh/Clst: m brn to gy brn, carb | | 0033-1L | |
| | | | 10 | Cont : dd | | 0033-2L | |
| | | | 5 | Sh/Clst: m gy to drk gy to brn blk, carb | | 0033-3L | |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-------------|----------------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 4290.00 | | | | | | 0030 |
| | 1.83 | 80 | Sh/Clst: | lt gy to drk gy to brn blk, carb | | 0030-1L |
| | | 15 | Cont | : dd, cem | | 0030-2L |
| | | 5 | Sh/Clst: | m brn to gy brn, carb | | 0030-3L |
| 4295.00 | | | | | | 0025 |
| | | 80 | Sh/Clst: | brn blk to drk gy, carb | | 0025-1L |
| | | 15 | Sh/Clst: | m gy to gy brn, carb, slt | | 0025-2L |
| | | 5 | Cont | : dd, cem | | 0025-3L |
| 4302.00 | | | | | | 0001 |
| | 3.06 | 100 | Sh/Clst: | drk gy to brn blk, carb | | 0001-1L |
| | | | tr Sh/Clst: | lt brn gy to m brn, slt | | 0001-2L |
| | | | tr Cont | : cem, dd | | 0001-3L |
| 4308.00 | | | | | | 0015 |
| | | 100 | Sh/Clst: | drk gy to brn blk, carb | | 0015-1L |
| | | | tr Ca | : lt gy | | 0015-2L |
| 4315.00 | | | | | | 0026 |
| | 2.31 | 75 | Sh/Clst: | m gy to drk gy to brn blk, carb | | 0026-1L |
| | | 15 | Ca | : or gy to lt gy | | 0026-2L |
| | | 10 | Sh/Clst: | lt pu to gy brn, carb | | 0026-3L |
| | | | tr Cont | : dd | | 0026-4L |
| 4320.00 | | | | | | 0016 |
| | | 80 | Sh/Clst: | drk gy to brn blk, carb | | 0016-1L |
| | | 20 | Ca | : lt gy to or gy | | 0016-2L |
| | | | tr Cont | : cem, dd | | 0016-3L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|----------|----------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 4325.00 | | | | | | 0002 |
| | 1.40 | 80 | Ca | : ol gy to pl y brn | | 0002-1L |
| | | 20 | Sh/Clst: | drk gy to brn blk, carb | | 0002-2L |
| | | | tr Cont | : dd, cem | | 0002-3L |
| 4330.00 | | | | | | 0003 |
| | | 80 | Ca | : gy pi to pl brn to lt pu | | 0003-1L |
| | | 15 | Ca | : lt gy, slt | | 0003-2L |
| | | 5 | Sh/Clst: | drk gy to brn blk, carb | | 0003-3L |
| | | | tr Cont | : dd, cem | | 0003-4L |
| 4335.00 | | | | | | 0004 |
| | 1.14 | 80 | Ca | : lt gy | | 0004-1L |
| | | 15 | Ca | : gy pi to lt or | | 0004-2L |
| | | 5 | Sh/Clst: | drk gy to brn blk, carb | | 0004-3L |
| 4340.00 | | | | | | 0005 |
| | | 80 | Sh/Clst: | drk gy to brn blk, carb | | 0005-2L |
| | | 10 | Ca | : lt gy to lt or gy, slt | | 0005-3L |
| | | 10 | Cont | : cem, dd | | 0005-4L |
| 4345.00 | | | | | | 0017 |
| | 1.69 | 80 | Ca | : lt gy to or gy | | 0017-1L |
| | | 20 | Sh/Clst: | lt gn gy to brn blk, carb | | 0017-2L |
| | | | tr Cont | : prp, dd | | 0017-3L |
| 4350.00 | | | | | | 0018 |
| | | 70 | Ca | : m gy to pl y brn | | 0018-1L |
| | | 20 | Cont | : prp, dd | | 0018-3L |
| | | 10 | Sh/Clst: | m gy to brn blk, carb | | 0018-2L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample | |
|---------|------|-----|----------------------------------|-----|-----|---------|--|
| Int Cvd | TOC% | % | Lithology description | | | | |
| 4355.00 | | | | | | 0006 | |
| | 3.00 | 80 | Sh/Clst: drk gy to brn blk, carb | | | 0006-2L | |
| | | 20 | Cont : dd, cem | | | 0006-3L | |
| 4360.00 | | | | | | 0007 | |
| | | 100 | Sh/Clst: drk gy to brn blk, carb | | | 0007-1L | |
| | | | tr Ca : gy pi to or gy | | | 0007-2L | |
| 4365.00 | | | | | | 0008 | |
| | 3.11 | 70 | Sh/Clst: drk gy to brn blk, carb | | | 0008-1L | |
| | | 30 | Ca : lt gy to pl y brn | | | 0008-2L | |
| | | | tr Cont : dd, cem | | | 0008-3L | |
| 4370.00 | | | | | | 0009 | |
| | | 100 | Sh/Clst: drk gy to brn blk, carb | | | 0009-1L | |
| | | | tr Cont : dd, cem | | | 0009-2L | |
| 4372.00 | | | | | | 0034 | |
| | | 80 | Sh/Clst: m gy to brn blk | | | 0034-1L | |
| | | 15 | Sh/Clst: gy brn to m brn, carb | | | 0034-2L | |
| | | 5 | Cont : dd | | | 0034-3L | |
| 4375.00 | | | | | | 0010 | |
| | 3.96 | 80 | Sh/Clst: drk gy to brn blk, carb | | | 0010-1L | |
| | | 20 | Ca : lt gy to lt brn gy | | | 0010-2L | |
| | | | tr Cont : dd, cem | | | 0010-3L | |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-----|----------------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 4380.00 | | | | | | 0011 |
| | | | 70 | Ca : lt gy to pl y brn, slt, mic | | 0011-1L |
| | | | 30 | Sh/Clst: drk gy to brn blk, carb | | 0011-2L |
| | | | tr | Cont : dd, cem | | 0011-3L |
| 4390.00 | | | | | | 0012 |
| | 1.39 | | 90 | Ca : lt gy to pl y brn, slt, mic | | 0012-1L |
| | | | 10 | Sh/Clst: drk gy to brn blk, carb | | 0012-2L |
| 4395.00 | | | | | | 0013 |
| | | | 90 | Ca : lt gy to pl y brn, slt, mic | | 0013-1L |
| | | | 10 | Sh/Clst: drk gy to brn blk, carb | | 0013-2L |
| 4400.00 | | | | | | 0014 |
| | 1.45 | | 95 | Ca : lt gy to m gy to lt bl gy | | 0014-1L |
| | | | 5 | Sh/Clst: drk gy to brn blk, carb | | 0014-2L |
| | | | tr | Cont : dd, cem | | 0014-3L |
| 4405.00 | | | | | | 0031 |
| | | | 90 | Ca : lt gy to m gy to lt bl gy | | 0031-1L |
| | | | 10 | Sh/Clst: drk gy to brn blk, carb | | 0031-2L |
| | | | tr | Sh/Clst: m brn to gy brn, carb | | 0031-3L |
| 4410.00 | | | | | | 0060 |
| | 3.10 | | 90 | Ca : lt or to or gy to lt bl gy | | 0060-1L |
| | | | 10 | Sh/Clst: drk gy to brn blk, carb | | 0060-2L |
| | | | tr | Sh/Clst: m brn to gy brn, carb | | 0060-3L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|----------|---------------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 4420.00 | | | | | | 0061 |
| | 2.93 | 70 | Sh/Clst: | m gy to drk gy to brn blk, carb | | 0061-1L |
| | | 25 | Sh/Clst: | m brn to gy brn, carb | | 0061-2L |
| | | 5 | Cont | : cem, dd | | 0061-3L |
| 4440.00 | | | | | | 0062 |
| | 3.00 | 50 | Sh/Clst: | m brn to gy brn, carb | | 0062-1L |
| | | 40 | Sh/Clst: | lt gy to m gy to lt bl gy, carb | | 0062-2L |
| | | 10 | Ca | : ol gy to lt or to or gy | | 0062-3L |
| 4450.00 | | | | | | 0063 |
| | 6.64 | 85 | Sh/Clst: | drk gy to brn blk, carb, mic | | 0063-1L |
| | | 15 | Ca | : ol gy to lt or to or gy | | 0063-2L |
| | | tr | Sh/Clst: | m brn to brn gy, carb | | 0063-3L |
| 4455.00 | | | | | | 0102 |
| | 4.91 | 60 | Sh/Clst: | drk gy to brn blk, carb | | 0102-1L |
| | | 30 | Ca | : lt or to lt gy to or gy | | 0102-2L |
| | | 10 | Ca | : pl brn to pl bl brn | | 0102-3L |
| 4461.00 | | | | | | 0103 |
| | 5.23 | 100 | Sh/Clst: | drk gy to brn blk, carb | | 0103-1L |
| | | tr | Sh/Clst: | lt brn to pl brn, carb | | 0103-2L |
| | | tr | Cont | : prp | | 0103-3L |
| 4464.00 | | | | | | 0104 |
| | | 100 | Sh/Clst: | drk gy to brn blk, carb | | 0104-1L |
| | | tr | Ca | : lt or to or gy | | 0104-2L |
| | | tr | Cont | : prp | | 0104-3L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-------------|-------------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 4470.00 | | | | | | 0105 |
| | 2.73 | 100 | Sh/Clst: | drk gy to brn blk, carb | | 0105-1L |
| | | | tr Ca | : lt or to or gy | | 0105-2L |
| | | | tr Cont | : dd, prp | | 0105-3L |
| 4475.00 | | | | | | 0106 |
| | | 100 | Ca | : lt or to lt gy to m gy, slt | | 0106-1L |
| | | | tr Sh/Clst: | drk gy to brn blk, carb | | 0106-2L |
| 4479.00 | | | | | | 0107 |
| | 1.76 | 90 | Ca | : lt or to lt gy to m gy | | 0107-1L |
| | | 10 | Sh/Clst: | drk gy to brn blk, carb | | 0107-2L |
| 4485.00 | | | | | | 0108 |
| | 2.62 | 85 | Ca | : lt or to or gy | | 0108-1L |
| | | 15 | Cont | : dd, prp | | 0108-2L |
| 4491.00 | | | | | | 0109 |
| | 0.98 | 95 | Ca | : lt or to or gy to m gy | | 0109-1L |
| | | 5 | Sh/Clst: | drk gy to brn blk, carb | | 0109-2L |
| 4500.00 | | | | | | 0084 |
| | | 60 | Cont | : dd, cem | | 0084-1L |
| | | 25 | S/Sst | : w to lt gy, f, l | | 0084-2L |
| | | 15 | Sh/Clst: | drk gy to brn blk, carb | | 0084-3L |
| | | | tr Cont | : prp | | 0084-4L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-----|--|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 4525.00 | | | | | | 0076 |
| | | | | 90 S/Sst : w to lt gy to m brn, f, l | | 0076-1L |
| | | | | 10 Cont : dd | | 0076-2L |
| | | | | tr Sh/Clst: lt brn to m gy to brn blk, carb | | 0076-3L |
| | | | | tr Ca : or gy to lt gy | | 0076-4L |
| | | | | tr Cont : prp | | 0076-5L |
| 4530.00 | | | | | | 0077 |
| | | | | 85 S/Sst : w to lt gy to m brn, f, l | | 0077-1L |
| | | | | 10 Sh/Clst: m gy to brn blk, carb | | 0077-2L |
| | | | | 5 Cont : dd | | 0077-3L |
| | | | | tr Ca : or gy to lt gy | | 0077-4L |
| | | | | tr Cont : prp | | 0077-5L |
| 4540.00 | | | | | | 0085 |
| | | | | 50 S/Sst : w to lt gy, f, crs, l | | 0085-1L |
| | | | | 40 Cont : dd | | 0085-2L |
| | | | | 10 Sh/Clst: drk gy to brn blk, carb | | 0085-3L |
| | | | | tr Ca : ol gy to or gy | | 0085-4L |
| | | | | tr Cont : prp | | 0085-5L |
| 4560.00 | | | | | | 0078 |
| | 1.99 | | | 80 Sh/Clst: lt gy to pl brn to brn blk, carb | | 0078-1L |
| | | | | 15 S/Sst : w to lt gy to m brn, f, l | | 0078-2L |
| | | | | 5 Ca : ol gy to or gy to m gy | | 0078-3L |
| | | | | tr Cont : prp | | 0078-4L |
| 4570.00 | | | | | | 0079 |
| | 3.78 | | | 80 Sh/Clst: lt brn gy to m brn, carb | | 0079-1L |
| | | | | 10 Sh/Clst: lt gy to brn blk, carb | | 0079-2L |
| | | | | 10 S/Sst : w to m gy, f, l | | 0079-3L |
| | | | | tr Cont : prp | | 0079-4L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|-----|------------------------------------|-----|-----|---------|
| Int Cvd | TOC% | % | Lithology description | | | |
| 4580.00 | | | | | | 0080 |
| | 1.56 | 80 | Sh/Clst: lt brn gy to m brn, carb | | | 0080-1L |
| | | 10 | Sh/Clst: lt gy to brn blk, carb | | | 0080-2L |
| | | 10 | Cont : dd | | | 0080-3L |
| | | tr | Cont : prp | | | 0080-4L |
| 4590.00 | | | | | | 0073 |
| | 2.54 | 80 | Sh/Clst: lt brn to m brn | | | 0073-1L |
| | | 10 | Sh/Clst: drk gy to brn blk | | | 0073-2L |
| | | 10 | Cont : dd | | | 0073-3L |
| | | tr | Cont : prp | | | 0073-4L |
| 4600.00 | | | | | | 0074 |
| | 1.84 | 90 | Sh/Clst: lt brn to m brn | | | 0074-1L |
| | | 10 | Sh/Clst: drk gy to brn blk | | | 0074-2L |
| | | tr | Cont : dd | | | 0074-3L |
| 4610.00 | | | | | | 0086 |
| | 1.64 | 60 | Sh/Clst: m gy to drk gy to brn blk | | | 0086-1L |
| | 1.86 | 35 | Sh/Clst: m brn to brn gy, carb | | | 0086-2L |
| | | 5 | Cont : cem, dd, prp | | | 0086-3L |
| 4620.00 | | | | | | 0081 |
| | 1.53 | 75 | Sh/Clst: m gy to brn blk | | | 0081-2L |
| | | 20 | Ca : ol gy to lt or | | | 0081-3L |
| | | 5 | S/Sst : w to lt gy, f, l | | | 0081-4L |
| | | tr | Cont : dd, prp | | | 0081-5L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-----|---|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 4632.00 | | | | | | 0087 |
| | | | | 60 Sh/Clst: m gy to drk gy to brn blk, carb | | 0087-1L |
| | | | | 20 Sh/Clst: m brn to brn gy | | 0087-2L |
| | | | | 10 S/Sst : lt gy to w, f, l | | 0087-3L |
| | | | | 10 Cont : cem, dd, prp | | 0087-4L |
| 4640.00 | | | | | | 0075 |
| | | | | 90 Cont : dd, cem | | 0075-1L |
| | | | | 5 Sh/Clst: drk gy to brn blk, carb | | 0075-2L |
| | | | | 5 Sh/Clst: lt brn to m brn | | 0075-3L |
| | | | | tr Cont : prp | | 0075-4L |
| 4650.00 | | | | | | 0072 |
| | 2.79 | | | 70 Sh/Clst: m brn to lt brn to brn gy | | 0072-1L |
| | | | | 20 Sh/Clst: drk gy to brn blk | | 0072-2L |
| | | | | 10 Cont : dd | | 0072-3L |
| 4655.00 | | | | | | 0064 |
| | | | | 70 Sh/Clst: m brn to brn gy, carb | | 0064-1L |
| | | | | 25 Sh/Clst: brn blk to drk gy, carb | | 0064-2L |
| | | | | 5 Cont : dd | | 0064-3L |
| | | | | tr Cont : prp | | 0064-4L |
| 4660.00 | | | | | | 0065 |
| | 2.37 | | | 50 Sh/Clst: m brn to brn gy, carb | | 0065-1L |
| | 3.91 | | | 45 Sh/Clst: brn blk to drk gy, carb | | 0065-2L |
| | | | | 5 Cont : dd | | 0065-3L |
| | | | | tr Cont : prp | | 0065-4L |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample | |
|---------|------|-----|-----------------------|----------|---------------------------------|---------|--|
| Int Cvd | TOC% | % | Lithology description | | | | |
| 4665.00 | | | | | | 0066 | |
| | | | 80 | Cont | : dd | 0066-1L | |
| | | | 10 | Sh/Clst: | brn gy to m brn, carb | 0066-2L | |
| | | | 10 | Sh/Clst: | brn blk to drk gy, carb | 0066-3L | |
| | | | tr | S/Sst | : w to or gy, l, f | 0066-4L | |
| 4670.00 | | | | | | 0088 | |
| | 3.22 | | 80 | Sh/Clst: | lt brn to m brn to brn gy, carb | 0088-1L | |
| | | | 10 | Sh/Clst: | m gy to brn blk | 0088-2L | |
| | | | 10 | Cont | : cem, dd, prp | 0088-3L | |
| 4680.00 | | | | | | 0089 | |
| | 0.14 | | 80 | S/Sst | : w to lt gy, f, l | 0089-1L | |
| | | | 15 | Sh/Clst: | lt brn to m brn | 0089-2L | |
| | | | 5 | Sh/Clst: | m gy to brn blk | 0089-3L | |
| | | | tr | Cont | : prp | 0089-4L | |
| 4690.00 | | | | | | 0090 | |
| | | | 90 | S/Sst | : w to lt gy, f, l | 0090-1L | |
| | | | 5 | Sh/Clst: | lt brn to m brn | 0090-2L | |
| | | | 5 | Sh/Clst: | m gy to brn blk | 0090-3L | |
| | | | tr | Cont | : prp | 0090-4L | |
| 4700.00 | | | | | | 0091 | |
| | 0.07 | | 90 | S/Sst | : w to lt gy, f, l | 0091-1L | |
| | | | 5 | Sh/Clst: | lt brn to m brn | 0091-2L | |
| | | | 5 | Sh/Clst: | m gy to brn blk, carb | 0091-3L | |
| | | | tr | Cont | : prp | 0091-4L | |

Table 1 : Lithology description for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-----|--------------------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 4710.00 | | | | | | 0092 |
| | | | | 70 S/Sst : w to lt gy, f, l | | 0092-1L |
| | | | | 25 Sh/Clst: lt brn to m brn | | 0092-2L |
| | | | | 5 Sh/Clst: m gy to brn blk, carb | | 0092-3L |
| | | | | tr Cont : prp | | 0092-4L |
| 4720.00 | | | | | | 0093 |
| | 0.09 | | | 85 S/Sst : w to lt gy to m brn, f, l | | 0093-1L |
| | | | | 10 Sh/Clst: lt brn to m brn | | 0093-2L |
| | | | | 5 Sh/Clst: m gy to brn blk, carb | | 0093-3L |
| | | | | tr Cont : prp | | 0093-4L |
| 4730.00 | | | | | | 0094 |
| | 1.30 | | | 80 Sh/Clst: lt brn to m brn | | 0094-1L |
| | 0.68 | | | 15 Sh/Clst: m gy to brn blk | | 0094-2L |
| | | | | 5 S/Sst : w to lt gy, f, l | | 0094-3L |
| | | | | tr Cont : prp | | 0094-4L |
| 4740.00 | | | | | | 0082 |
| | 1.56 | | | 75 Sh/Clst: m brn to pl brn | | 0082-1L |
| | | | | 25 S/Sst : w to lt gy, f, l | | 0082-2L |
| | | | | tr Ca : ol gy to or gy | | 0082-3L |
| | | | | tr Cont : prp | | 0082-4L |
| 4750.00 | | | | | | 0083 |
| | 2.03 | | | 90 Sh/Clst: m brn to pl brn | | 0083-1L |
| | | | | 10 Sh/Clst: drk gy to brn blk | | 0083-2L |
| | | | | tr S/Sst : w to lt gy, f, l | | 0083-3L |
| | | | | tr Cont : prp, dd | | 0083-4L |

Table 2 : Rock-Eval table for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Typ | Lithology | S1 | S2 | S3 | S2/S3 | TOC | HI | OI | PP | PI | Tmax | Sample |
|---------|-----|---|------|-------|------|-------|------|-----|----|------|------|------|---------|
| 1800.00 | cut | Sh/Clst: pl brn to brn gy | 5.19 | 17.30 | 0.82 | 21.10 | 3.40 | 509 | 24 | 22.5 | 0.23 | 427 | 0035-1L |
| 1920.00 | cut | Sh/Clst: pl brn to brn gy to lt brn gy | 2.39 | 3.13 | 0.22 | 14.23 | 1.58 | 198 | 14 | 5.5 | 0.43 | 433 | 0036-1L |
| 2030.00 | cut | Sh/Clst: pl brn to gy brn to lt brn gy | 2.67 | 11.25 | 0.40 | 28.13 | 3.45 | 326 | 12 | 13.9 | 0.19 | 429 | 0037-1L |
| 2130.00 | cut | Sh/Clst: lt brn gy to pl brn to gy brn | 4.44 | 12.86 | 0.95 | 13.54 | 3.25 | 396 | 29 | 17.3 | 0.26 | 428 | 0038-2L |
| 2370.00 | cut | Sh/Clst: lt brn gy to pl brn to gy brn | 2.49 | 4.93 | 0.38 | 12.97 | 1.45 | 340 | 26 | 7.4 | 0.34 | 436 | 0039-1L |
| 2490.00 | cut | Sh/Clst: lt brn gy to lt gy | 2.13 | 3.69 | 0.31 | 11.90 | 1.21 | 305 | 26 | 5.8 | 0.37 | 435 | 0040-1L |
| 2610.00 | cut | Sh/Clst: lt brn gy to lt gy to pl brn | 2.40 | 4.45 | 0.20 | 22.25 | 1.39 | 320 | 14 | 6.8 | 0.35 | 436 | 0041-1L |
| 2730.00 | cut | Sh/Clst: lt brn gy to lt gy to pl brn | 2.09 | 2.53 | 0.19 | 13.32 | 0.96 | 264 | 20 | 4.6 | 0.45 | 442 | 0042-1L |
| 2850.00 | cut | Sh/Clst: lt gy to lt bl gy | 2.79 | 3.26 | 0.31 | 10.52 | 0.97 | 336 | 32 | 6.1 | 0.46 | 439 | 0043-1L |
| 3090.00 | cut | Ca : w to ol gy to lt or | 8.28 | 7.18 | 1.40 | 5.13 | 1.55 | 463 | 90 | 15.5 | 0.54 | 446 | 0044-1L |
| 3210.00 | cut | Ca : ol gy to lt or | 5.43 | 3.58 | 0.70 | 5.11 | 0.87 | 411 | 80 | 9.0 | 0.60 | 437 | 0045-1L |
| 3330.00 | cut | Ca : ol gy to lt or | 5.97 | 5.76 | 0.97 | 5.94 | 1.15 | 501 | 84 | 11.7 | 0.51 | 434 | 0046-1L |

Table 2 : Rock-Eval table for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Typ | Lithology | S1 | S2 | S3 | S2/S3 | TOC | HI | OI | PP | PI | Tmax | Sample |
|---------|--------------|----------------------------------|-------|-------|------|-------|------|-----|-----|------|------|------|---------|
| 3450.00 | cut Ca | : ol gy to lt or | 4.15 | 4.93 | 0.97 | 5.08 | 0.88 | 560 | 110 | 9.1 | 0.46 | 437 | 0047-1L |
| 3570.00 | cut Ca | : ol gy to lt or | 4.93 | 4.98 | 1.09 | 4.57 | 0.99 | 503 | 110 | 9.9 | 0.50 | 438 | 0048-1L |
| 3780.00 | cut Ca | : ol gy to lt or | 7.85 | 7.00 | 1.32 | 5.30 | 1.49 | 470 | 89 | 14.9 | 0.53 | 444 | 0049-1L |
| 3810.00 | cut Sh/Clst: | drk gy to brn blk | 10.74 | 11.55 | 2.16 | 5.35 | 2.40 | 481 | 90 | 22.3 | 0.48 | 447 | 0067-1L |
| 3840.00 | cut Ca | : ol gy to lt or | 7.80 | 7.95 | 1.18 | 6.74 | 1.60 | 497 | 74 | 15.8 | 0.50 | 439 | 0068-1L |
| 3870.00 | cut Ca | : ol gy to lt or | 8.41 | 8.54 | 1.20 | 7.12 | 1.74 | 491 | 69 | 17.0 | 0.50 | 442 | 0069-1L |
| 3900.00 | cut Ca | : ol gy to lt or to or gy | 7.54 | 4.82 | 0.84 | 5.74 | 1.20 | 402 | 70 | 12.4 | 0.61 | 441 | 0070-1L |
| 3930.00 | cut Ca | : ol gy to gy pi to lt or | 6.67 | 5.58 | 0.93 | 6.00 | 1.17 | 477 | 79 | 12.3 | 0.54 | 443 | 0071-1L |
| 3960.00 | cut Ca | : lt gy to lt or to w | 8.30 | 5.79 | 1.11 | 5.22 | 1.36 | 426 | 82 | 14.1 | 0.59 | 444 | 0027-1L |
| 3990.00 | cut Sh/Clst: | drk gy to brn blk | 13.03 | 15.10 | 1.67 | 9.04 | 3.01 | 502 | 55 | 28.1 | 0.46 | 439 | 0019-1L |
| 4020.00 | cut Ca | : or gy to lt or to w | 4.66 | 6.19 | 1.23 | 5.03 | 1.15 | 538 | 107 | 10.9 | 0.43 | 448 | 0020-1L |
| 4050.00 | cut Ca | : m gy to lt brn gy to brn gy | 6.96 | 6.31 | 1.37 | 4.61 | 1.33 | 474 | 103 | 13.3 | 0.52 | 445 | 0032-1L |
| 4080.00 | cut Ca | : or gy to lt or to w | 7.48 | 5.30 | 1.18 | 4.49 | 1.35 | 393 | 87 | 12.8 | 0.59 | 441 | 0021-1L |
| 4101.00 | cut Ca | : lt or to lt gy to m gy | 1.27 | 3.41 | 1.09 | 3.13 | 0.59 | 578 | 185 | 4.7 | 0.27 | 454 | 0096-1L |

Table 2 : Rock-Eval table for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Typ | Lithology | S1 | S2 | S3 | S2/S3 | TOC | HI | OI | PP | PI | Tmax | Sample |
|---------|-----|-------------------------------------|-------|-------|------|-------|------|-----|-----|------|------|------|---------|
| 4122.00 | cut | Ca : lt or to lt gy to m gy | 1.25 | 4.38 | 1.11 | 3.95 | 0.96 | 456 | 116 | 5.6 | 0.22 | 454 | 0097-1L |
| 4140.00 | cut | Sh/Clst: brn blk to drk gy | 11.73 | 12.00 | 1.66 | 7.23 | 2.65 | 453 | 63 | 23.7 | 0.49 | 449 | 0022-1L |
| 4170.00 | cut | Sh/Clst: brn blk to drk gy | 11.50 | 11.33 | 1.33 | 8.52 | 2.78 | 408 | 48 | 22.8 | 0.50 | 444 | 0023-1L |
| 4200.00 | cut | Sh/Clst: brn blk to drk gy | 10.87 | 11.37 | 1.60 | 7.11 | 2.35 | 484 | 68 | 22.2 | 0.49 | 447 | 0028-1L |
| 4210.00 | cut | Sh/Clst: brn blk to drk gy | 9.65 | 12.56 | 1.54 | 8.16 | 2.57 | 489 | 60 | 22.2 | 0.43 | 443 | 0051-1L |
| 4220.00 | cut | Sh/Clst: brn blk to drk gy | 8.12 | 7.85 | 1.16 | 6.77 | 1.92 | 409 | 60 | 16.0 | 0.51 | 444 | 0053-1L |
| 4235.00 | cut | Sh/Clst: brn blk to drk gy | 7.58 | 6.18 | 0.79 | 7.82 | 1.85 | 334 | 43 | 13.8 | 0.55 | 449 | 0055-1L |
| 4245.00 | cut | Sh/Clst: brn blk to drk gy | 7.62 | 6.59 | 1.07 | 6.16 | 2.11 | 312 | 51 | 14.2 | 0.54 | 446 | 0024-1L |
| 4250.00 | cut | Sh/Clst: drk gy to brn blk | 7.05 | 3.37 | 0.75 | 4.49 | 4.56 | 74 | 16 | 10.4 | 0.68 | 451 | 0029-1L |
| 4260.00 | cut | Sh/Clst: brn blk to drk gy | 7.82 | 7.09 | 1.11 | 6.39 | 7.84 | 90 | 14 | 14.9 | 0.52 | 446 | 0056-1L |
| 4270.00 | cut | Sh/Clst: brn blk to drk gy | 8.28 | 7.58 | 1.14 | 6.65 | 1.80 | 421 | 63 | 15.9 | 0.52 | 448 | 0058-1L |
| 4280.00 | cut | Sh/Clst: m brn to gy brn | 9.10 | 8.03 | 1.27 | 6.32 | 1.97 | 408 | 64 | 17.1 | 0.53 | 426 | 0033-1L |
| 4290.00 | cut | Sh/Clst: lt gy to drk gy to brn blk | 7.63 | 8.06 | 1.67 | 4.83 | 1.83 | 440 | 91 | 15.7 | 0.49 | 450 | 0030-1L |
| 4302.00 | cut | Sh/Clst: drk gy to brn blk | 5.95 | 9.04 | 1.68 | 5.38 | 3.06 | 295 | 55 | 15.0 | 0.40 | 452 | 0001-1L |

Table 2 : Rock-Eval table for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Typ | Lithology | S1 | S2 | S3 | S2/S3 | TOC | HI | OI | PP | PI | Tmax | Sample |
|---------|-----|------------------------------------|-------|-------|------|-------|------|-----|-----|------|------|------|---------|
| 4315.00 | cut | Sh/Clst: m gy to drk gy to brn blk | 6.41 | 6.70 | 1.82 | 3.68 | 2.31 | 290 | 79 | 13.1 | 0.49 | 453 | 0026-1L |
| 4325.00 | cut | Ca : ol gy to pl y brn | 5.01 | 6.21 | 1.77 | 3.51 | 1.40 | 444 | 126 | 11.2 | 0.45 | 448 | 0002-1L |
| 4335.00 | cut | Ca : lt gy | 4.53 | 5.39 | 1.49 | 3.62 | 1.14 | 473 | 131 | 9.9 | 0.46 | 451 | 0004-1L |
| 4345.00 | cut | Ca : lt gy to or gy | 6.30 | 8.49 | 1.79 | 4.74 | 1.69 | 502 | 106 | 14.8 | 0.43 | 453 | 0017-1L |
| 4355.00 | cut | Sh/Clst: drk gy to brn blk | 13.84 | 7.48 | 1.31 | 5.71 | 3.00 | 249 | 44 | 21.3 | 0.65 | 457 | 0006-2L |
| 4365.00 | cut | Sh/Clst: drk gy to brn blk | 10.30 | 7.15 | 1.17 | 6.11 | 3.11 | 230 | 38 | 17.5 | 0.59 | 450 | 0008-1L |
| 4375.00 | cut | Sh/Clst: drk gy to brn blk | 11.27 | 6.71 | 0.97 | 6.92 | 3.96 | 169 | 24 | 18.0 | 0.63 | 452 | 0010-1L |
| 4390.00 | cut | Ca : lt gy to pl y brn | 8.17 | 5.05 | 1.04 | 4.86 | 1.39 | 363 | 75 | 13.2 | 0.62 | 451 | 0012-1L |
| 4400.00 | cut | Ca : lt gy to m gy to lt bl gy | 7.93 | 6.16 | 1.13 | 5.45 | 1.45 | 425 | 78 | 14.1 | 0.56 | 454 | 0014-1L |
| 4410.00 | cut | Ca : lt or to or gy to lt bl gy | 24.56 | 8.13 | 1.10 | 7.39 | 3.10 | 262 | 35 | 32.7 | 0.75 | 453 | 0060-1L |
| 4420.00 | cut | Sh/Clst: m gy to drk gy to brn blk | 23.00 | 7.87 | 1.02 | 7.72 | 2.93 | 269 | 35 | 30.9 | 0.75 | 448 | 0061-1L |
| 4440.00 | cut | Sh/Clst: m brn to gy brn | 23.27 | 9.10 | 0.94 | 9.68 | 3.00 | 303 | 31 | 32.4 | 0.72 | 440 | 0062-1L |
| 4450.00 | cut | Sh/Clst: drk gy to brn blk | 38.98 | 12.26 | 0.61 | 20.10 | 6.64 | 185 | 9 | 51.2 | 0.76 | 444 | 0063-1L |
| 4455.00 | cut | Sh/Clst: drk gy to brn blk | 17.25 | 9.35 | 0.95 | 9.84 | 4.91 | 190 | 19 | 26.6 | 0.65 | 450 | 0102-1L |

Table 2 : Rock-Eval table for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Typ | Lithology | S1 | S2 | S3 | S2/S3 | TOC | HI | OI | PP | PI | Tmax | Sample |
|---------|-----|-------------------------------------|-------|-------|------|-------|------|-----|----|------|------|------|---------|
| 4461.00 | cut | Sh/Clst: drk gy to brn blk | 22.33 | 11.42 | 0.74 | 15.43 | 5.23 | 218 | 14 | 33.8 | 0.66 | 450 | 0103-1L |
| 4470.00 | cut | Sh/Clst: drk gy to brn blk | 11.09 | 7.16 | 0.79 | 9.06 | 2.73 | 262 | 29 | 18.3 | 0.61 | 447 | 0105-1L |
| 4479.00 | cut | Ca : lt or to lt gy to m gy | 12.47 | 5.30 | 0.75 | 7.07 | 1.76 | 301 | 43 | 17.8 | 0.70 | 440 | 0107-1L |
| 4485.00 | cut | Ca : lt or to or gy | 20.43 | 9.28 | 0.64 | 14.50 | 2.62 | 354 | 24 | 29.7 | 0.69 | 437 | 0108-1L |
| 4491.00 | cut | Ca : lt or to or gy to m gy | 4.86 | 5.23 | 0.68 | 7.69 | 0.98 | 534 | 69 | 10.1 | 0.48 | 441 | 0109-1L |
| 4560.00 | cut | Sh/Clst: lt gy to pl brn to brn blk | 7.01 | 4.73 | 0.97 | 4.88 | 1.99 | 238 | 49 | 11.7 | 0.60 | 444 | 0078-1L |
| 4570.00 | cut | Sh/Clst: lt brn gy to m brn | 24.99 | 17.07 | 1.51 | 11.30 | 3.78 | 452 | 40 | 42.1 | 0.59 | 400 | 0079-1L |
| 4580.00 | cut | Sh/Clst: lt brn gy to m brn | 9.30 | 6.48 | 1.16 | 5.59 | 1.56 | 415 | 74 | 15.8 | 0.59 | 443 | 0080-1L |
| 4590.00 | cut | Sh/Clst: lt brn to m brn | 20.88 | 7.00 | 0.98 | 7.14 | 2.54 | 276 | 39 | 27.9 | 0.75 | 439 | 0073-1L |
| 4600.00 | cut | Sh/Clst: lt brn to m brn | 12.24 | 7.54 | 0.90 | 8.38 | 1.84 | 410 | 49 | 19.8 | 0.62 | 432 | 0074-1L |
| 4610.00 | cut | Sh/Clst: m gy to drk gy to brn blk | 12.41 | 5.40 | 0.70 | 7.71 | 1.64 | 329 | 43 | 17.8 | 0.70 | 429 | 0086-1L |
| 4610.00 | cut | Sh/Clst: m brn to brn gy | 13.63 | 6.57 | 0.91 | 7.22 | 1.86 | 353 | 49 | 20.2 | 0.67 | 439 | 0086-2L |
| 4620.00 | cut | Sh/Clst: m gy to brn blk | 9.61 | 3.97 | 0.78 | 5.09 | 1.53 | 259 | 51 | 13.6 | 0.71 | 445 | 0081-2L |
| 4650.00 | cut | Sh/Clst: m brn to lt brn to brn gy | 21.39 | 8.69 | 0.99 | 8.78 | 2.79 | 311 | 35 | 30.1 | 0.71 | 419 | 0072-1L |

Table 2 : Rock-Eval table for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Typ | Lithology | S1 | S2 | S3 | S2/S3 | TOC | HI | OI | PP | PI | Tmax | Sample |
|---------|-----|------------------------------------|-------|-------|------|-------|------|-----|-----|------|------|------|---------|
| 4660.00 | cut | Sh/Clst: m brn to brn gy | 17.62 | 7.83 | 0.78 | 10.04 | 2.37 | 330 | 33 | 25.5 | 0.69 | 420 | 0065-1L |
| 4660.00 | cut | Sh/Clst: brn blk to drk gy | 20.13 | 23.30 | 0.92 | 25.33 | 3.91 | 596 | 24 | 43.4 | 0.46 | 436 | 0065-2L |
| 4670.00 | cut | Sh/Clst: lt brn to m brn to brn gy | 28.24 | 7.84 | 0.85 | 9.22 | 3.22 | 243 | 26 | 36.1 | 0.78 | 431 | 0088-1L |
| 4680.00 | cut | S/Sst : w to lt gy | 0.87 | 0.43 | 0.15 | 2.87 | 0.14 | 307 | 107 | 1.3 | 0.67 | 427 | 0089-1L |
| 4700.00 | cut | S/Sst : w to lt gy | 0.59 | 0.23 | 0.14 | 1.64 | 0.07 | 329 | 200 | 0.8 | 0.72 | 431 | 0091-1L |
| 4720.00 | cut | S/Sst : w to lt gy to m brn | 0.64 | 0.34 | 0.18 | 1.89 | 0.09 | 378 | 200 | 1.0 | 0.65 | 425 | 0093-1L |
| 4730.00 | cut | Sh/Clst: lt brn to m brn | 7.38 | 5.14 | 1.04 | 4.94 | 1.30 | 395 | 80 | 12.5 | 0.59 | 434 | 0094-1L |
| 4730.00 | cut | Sh/Clst: m gy to brn blk | 3.66 | 3.24 | 0.69 | 4.70 | 0.68 | 476 | 101 | 6.9 | 0.53 | 435 | 0094-2L |
| 4740.00 | cut | Sh/Clst: m brn to pl brn | 9.75 | 5.75 | 0.82 | 7.01 | 1.56 | 369 | 53 | 15.5 | 0.63 | 429 | 0082-1L |
| 4750.00 | cut | Sh/Clst: m brn to pl brn | 15.49 | 6.20 | 0.84 | 7.38 | 2.03 | 305 | 41 | 21.7 | 0.71 | 431 | 0083-1L |

Table 2b: Rock-Eval table for well NOCS 2/7-22 EXTR.

Depth unit of measure: m

| Depth | Typ | Lithology | S1 | S2 | S3 | S2/S3 | TOC | HI | OI | PP | PI | Tmax | Sample |
|---------|-----|---|------|-------|------|-------|------|-----|-----|------|------|------|---------|
| 2130.00 | cut | Sh/Clst: lt brn gy to pl brn to gy brn | 0.47 | 7.92 | 1.52 | 5.21 | 3.44 | 230 | 44 | 8.4 | 0.06 | 435 | 0001-1L |
| 3810.00 | cut | Sh/Clst: drk gy to brn blk | 0.82 | 16.24 | 2.66 | 6.11 | 2.27 | 715 | 117 | 17.1 | 0.05 | 461 | 0002-1L |
| 3870.00 | cut | Ca : ol gy to lt or | 0.97 | 6.98 | 1.09 | 6.40 | 0.91 | 767 | 120 | 8.0 | 0.12 | 455 | 0003-1L |
| 3990.00 | cut | Sh/Clst: drk gy to brn blk | 0.37 | 6.24 | 1.60 | 3.90 | 1.65 | 378 | 97 | 6.6 | 0.06 | 451 | 0004-1L |
| 4140.00 | cut | Sh/Clst: drk gy to brn blk | 0.40 | 5.66 | 1.62 | 3.49 | 1.31 | 432 | 124 | 6.1 | 0.07 | 458 | 0005-1L |
| 4302.00 | cut | Sh/Clst: drk gy to brn blk | 0.36 | 6.23 | 2.02 | 3.08 | 2.62 | 238 | 77 | 6.6 | 0.05 | 461 | 0006-1L |
| 4345.00 | cut | Ca : lt gy to or gy | 0.63 | 7.68 | 1.76 | 4.36 | 1.81 | 424 | 97 | 8.3 | 0.08 | 461 | 0007-1L |
| 4375.00 | cut | Sh/Clst: drk gy to brn blk | 0.41 | 5.87 | 1.52 | 3.86 | 3.66 | 160 | 42 | 6.3 | 0.07 | 456 | 0008-1L |
| 4410.00 | cut | Ca : lt or to or gy to lt bl gy | 0.62 | 7.55 | 1.55 | 4.87 | 1.13 | 668 | 137 | 8.2 | 0.08 | 452 | 0009-1L |
| 4450.00 | cut | Sh/Clst: drk gy to brn blk | 0.97 | 11.03 | 1.01 | 10.92 | 4.06 | 272 | 25 | 12.0 | 0.08 | 455 | 0010-1L |
| 4570.00 | cut | Sh/Clst: lt brn to m brn | 0.77 | 9.38 | 2.03 | 4.62 | 1.43 | 656 | 142 | 10.2 | 0.08 | 449 | 0011-1L |
| 4660.00 | com | bulk | 0.56 | 7.73 | 1.41 | 5.48 | 1.08 | 716 | 131 | 8.3 | 0.07 | 448 | 0014-0B |

Table 3 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 2/7-22

Depth unit of measure: m

| Depth | Typ | Lithology | C1 | C2-C5 | C6-C14 | C15+ | S2 from Rock-Eval | Sample |
|---------|-----|---|------|-------|--------|-------|----------------------|---------|
| 1800.00 | cut | Sh/Clst: pl brn to brn gy | 2.67 | 12.74 | 46.76 | 37.83 | 17.30 | 0035-1L |
| 2030.00 | cut | Sh/Clst: pl brn to gy brn to lt brn gy | 4.57 | 17.13 | 41.62 | 36.68 | 11.25 | 0037-1L |
| 2130.00 | cut | Sh/Clst: lt brn gy to pl brn to gy brn | 3.62 | 19.56 | 55.31 | 21.52 | 12.86 | 0038-2L |
| 2370.00 | cut | Sh/Clst: lt brn gy to pl brn to gy brn | 3.18 | 18.36 | 50.01 | 28.45 | 4.93 | 0039-1L |
| 2610.00 | cut | Sh/Clst: lt brn gy to lt gy to pl brn | 5.73 | 21.95 | 53.84 | 18.48 | 4.45 | 0041-1L |
| 3090.00 | cut | Ca : w to ol gy to lt or | 2.70 | 20.71 | 61.42 | 15.17 | 7.18 | 0044-1L |
| 3210.00 | cut | Ca : ol gy to lt or | 2.45 | 23.91 | 54.66 | 18.98 | 3.58 | 0045-1L |
| 3810.00 | cut | Sh/Clst: drk gy to brn blk | 0.94 | 12.83 | 42.81 | 43.42 | 11.55 | 0067-1L |
| 3870.00 | cut | Ca : ol gy to lt or | 0.93 | 14.06 | 35.52 | 49.47 | 8.54 | 0069-1L |
| 3990.00 | cut | Sh/Clst: drk gy to brn blk | 0.95 | 12.94 | 39.33 | 46.71 | 15.10 | 0019-1L |
| 4140.00 | cut | Sh/Clst: brn blk to drk gy | 0.86 | 13.17 | 43.38 | 42.60 | 12.00 | 0022-1L |
| 4302.00 | cut | Sh/Clst: drk gy to brn blk | 2.31 | 16.86 | 43.05 | 37.77 | 9.04 | 0001-1L |

Table 3 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 2/7-22

Depth unit of measure: m

| Depth | Typ | Lithology | C1 | C2-C5 | C6-C14 | C15+ | S2 from Rock-Eval | Sample |
|---------|-----|------------------------------------|------|-------|--------|-------|----------------------|---------|
| 4375.00 | cut | Sh/Clst: drk gy to brn blk | 3.27 | 17.75 | 41.34 | 37.64 | 6.71 | 0010-1L |
| 4410.00 | cut | Ca : lt or to or gy to lt bl gy | 0.98 | 12.67 | 39.55 | 46.73 | 8.13 | 0060-1L |
| 4450.00 | cut | Sh/Clst: drk gy to brn blk | 1.85 | 15.44 | 39.06 | 43.56 | 12.26 | 0063-1L |
| 4570.00 | cut | Sh/Clst: lt brn gy to m brn | 0.54 | 9.90 | 37.86 | 51.63 | 17.07 | 0079-1L |

Table 3b: Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 2/7-22 EXTR.

Depth unit of measure: m

| Depth | Typ | Lithology | C1 | C2-C5 | C6-C14 | C15+ | S2 from Rock-Eval | Sample |
|---------|-----|---|------|-------|--------|-------|----------------------|---------|
| 2130.00 | cut | Sh/Clst: lt brn gy to pl brn to gy brn | 3.55 | 20.40 | 46.45 | 29.60 | 7.92 | 0001-1L |
| 3810.00 | cut | Sh/Clst: drk gy to brn blk | 1.34 | 13.47 | 44.39 | 40.81 | 16.24 | 0002-1L |
| 3870.00 | cut | Ca : ol gy to lt or | 1.12 | 14.34 | 40.37 | 44.14 | 6.98 | 0003-1L |
| 3990.00 | cut | Sh/Clst: drk gy to brn blk | 1.46 | 16.71 | 45.96 | 35.78 | 6.24 | 0004-1L |
| 4140.00 | cut | Sh/Clst: brn blk to drk gy | 1.46 | 16.07 | 47.47 | 34.93 | 5.66 | 0005-1L |
| 4302.00 | cut | Sh/Clst: drk gy to brn blk | 2.43 | 18.76 | 47.13 | 31.68 | 6.23 | 0006-1L |
| 4375.00 | cut | Sh/Clst: drk gy to brn blk | 3.20 | 19.01 | 47.19 | 30.61 | 5.87 | 0008-1L |
| 4410.00 | cut | Ca : lt or to or gy to lt bl gy | 1.33 | 14.37 | 43.26 | 40.97 | 7.55 | 0009-1L |
| 4450.00 | cut | Sh/Clst: drk gy to brn blk | 1.64 | 15.92 | 36.53 | 45.14 | 11.03 | 0010-1L |
| 4570.00 | cut | Sh/Clst: lt brn gy to m brn | 1.37 | 13.51 | 44.24 | 40.87 | 9.38 | 0011-1L |

Depth unit of measure: m

| Depth | Typ Lithology | Vitrinite Reflectance (%) | Number of Readings | Standard Deviation | Spore Fluorescence Colour | SCI | T _{max} (°C) | Sample |
|---------|--|---------------------------|--------------------|--------------------|---------------------------|-------------|-----------------------|---------|
| 1800.00 | cut bulk | 0.21 | 8 | 0.04 | - | - | - | 0035-0B |
| 1800.00 | cut Sh/Clst: pl brn to brn gy | - | - | - | - | 5.0 | 427 | 0035-1L |
| 1920.00 | cut bulk | 0.30 | 8 | 0.05 | - | - | - | 0036-0B |
| 2030.00 | cut bulk | 0.27 | 10 | 0.04 | - | - | - | 0037-0B |
| 2030.00 | cut Sh/Clst: pl brn to gy brn to lt brn gy | - | - | - | - | 5.5 | 429 | 0037-1L |
| 2130.00 | cut bulk | 0.24 | 8 | 0.02 | - | - | - | 0038-0B |
| 2130.00 | cut Sh/Clst: lt brn gy to pl brn to gy brn | - | - | - | - | 5.5-6.0(??) | 428 | 0038-2L |
| 2370.00 | cut bulk | 0.32 | 4 | 0.02 | - | - | - | 0039-0B |
| 2370.00 | cut Sh/Clst: lt brn gy to pl brn to gy brn | - | - | - | - | 6.0(?) | 436 | 0039-1L |
| 2490.00 | cut bulk | NDP | - | - | - | - | - | 0040-0B |
| 2490.00 | cut Sh/Clst: lt brn gy to lt gy | - | - | - | - | 5.5-6.0 | 435 | 0040-1L |
| 2610.00 | cut bulk | 0.37 | 3 | 0.04 | - | - | - | 0041-0B |

Table 4 : Thermal Maturity Data for well NOCS 2/7-22

Depth unit of measure: m

| Depth Typ Lithology | Vitrinite Reflectance (%) | Number of Readings | Standard Deviation | Spore Fluorescence Colour | SCI | T _{max} (°C) | Sample |
|---|---------------------------|--------------------|--------------------|---------------------------|---------|-----------------------|---------|
| 2610.00 cut Sh/Clst: lt brn gy to lt gy to pl brn | - | - | - | - | 6.0 | 436 | 0041-1L |
| 2730.00 cut bulk | 0.36 | 3 | 0.00 | - | - | - | 0042-0B |
| 2730.00 cut Sh/Clst: lt brn gy to lt gy to pl brn | - | - | - | - | 5.5-6.0 | 442 | 0042-1L |
| 2850.00 cut bulk | 0.40 | 5 | 0.04 | - | - | - | 0043-0B |
| 2850.00 cut Sh/Clst: lt gy to lt bl gy | - | - | - | - | 5.5-6.5 | 439 | 0043-1L |
| 3090.00 cut bulk | NDP | - | - | - | - | - | 0044-0B |
| 3210.00 cut bulk | NDP | - | - | - | - | - | 0045-0B |
| 3330.00 cut bulk | NDP | - | - | - | - | - | 0046-0B |
| 3450.00 cut bulk | NDP | - | - | - | - | - | 0047-0B |
| 3570.00 cut bulk | NDP | - | - | - | - | - | 0048-0B |
| 3780.00 cut bulk | NDP | - | - | - | - | - | 0049-0B |
| 3810.00 cut Sh/Clst: drk gy to brn blk | - | - | - | - | - | - | - |
| 3870.00 cut bulk | NDP | - | - | - | NDP | 447 | 0067-1L |
| | | | | | | - | 0069-0B |

Depth unit of measure: m

| Depth | Typ Lithology | Vitrinite Reflectance (%) | Number of Readings | Standard Deviation | Spore Fluorescence Colour | SCI | T _{max} (°C) | Sample |
|---------|--|---------------------------|--------------------|--------------------|---------------------------|-------------|-----------------------|---------|
| 3990.00 | cut bulk | NDP | - | - | - | - | - | 0019-0B |
| 3990.00 | cut Sh/Clst: drk gy to brn blk | - | - | - | - | 6.5-7.0(??) | 439 | 0019-1L |
| 4140.00 | cut Sh/Clst: brn blk to drk gy | - | - | - | - | NDP | 449 | 0022-1L |
| 4200.00 | cut bulk | NDP | - | - | - | - | - | 0028-0B |
| 4210.00 | cut Sh/Clst: brn blk to drk gy | - | - | - | - | 9.0(?) | 443 | 0051-1L |
| 4245.00 | cut Sh/Clst: brn blk to drk gy | - | - | - | - | 8.0-9.0 | 446 | 0024-1L |
| 4250.00 | cut bulk | NDP | - | - | - | - | - | 0029-0B |
| 4302.00 | cut bulk | 0.87 | 2 | 0.00 | - | - | - | 0001-0B |
| 4302.00 | cut Sh/Clst: drk gy to brn blk | - | - | - | - | 8.5 | 452 | 0001-1L |
| 4355.00 | cut bulk | NDP | - | - | - | - | - | 0006-0B |
| 4375.00 | cut Sh/Clst: drk gy to brn blk | - | - | - | - | 8.0-9.0(?) | 452 | 0010-1L |
| 4400.00 | cut bulk | 0.90 | 4 | 0.11 | - | - | - | 0014-0B |
| 4420.00 | cut Sh/Clst: m gy to drk gy to brn blk | - | - | - | - | 9.0 | 448 | 0061-1L |
| 4450.00 | cut bulk | NDP | - | - | - | - | - | 0063-0B |

Depth unit of measure: m

| Depth | Typ Lithology | Vitrinite Reflectance (%) | Number of Readings | Standard Deviation | Spore Fluorescence Colour | SCI | T _{max} (°C) | Sample |
|---------|---------------------------------|---------------------------|--------------------|--------------------|---------------------------|--------------|-----------------------|---------|
| 4450.00 | cut Sh/Clst: drk gy to brn blk | - | - | - | - | 8.5-9.0 | 444 | 0063-1L |
| 4461.00 | cut Sh/Clst: drk gy to brn blk | - | - | - | - | 9.0(??) | 450 | 0103-1L |
| 4560.00 | cut bulk | NDP | - | - | - | - | - | 0078-0B |
| 4570.00 | cut Sh/Clst: lt brn gy to m brn | - | - | - | - | 9.0-10.0(??) | 400 | 0079-1L |
| 4600.00 | cut bulk | NDP | - | - | - | - | - | 0074-0B |
| 4610.00 | cut Sh/Clst: m brn to brn gy | - | - | - | - | 9.0-10.0(?) | 439 | 0086-2L |
| 4650.00 | cut bulk | NDP | - | - | - | - | - | 0072-0B |
| 4660.00 | cut Sh/Clst: brn blk to drk gy | - | - | - | - | NDP | 436 | 0065-2L |
| 4710.00 | cut bulk | NDP | - | - | - | - | - | 0092-0B |
| 4730.00 | cut Sh/Clst: lt brn to m brn | - | - | - | - | NDP | 434 | 0094-1L |
| 4750.00 | cut bulk | NDP | - | - | - | - | - | 0083-0B |
| 4750.00 | cut Sh/Clst: m brn to pl brn | - | - | - | - | NDP | 431 | 0083-1L |

Depth unit of measure: m

| Depth | Typ | Lithology | L | A | L | S | C | D | I | S | I | M | S | V | C | V | A | Sample | | | | | | | | | |
|---------|-----|---|-----|----|----|----|---|---|---|---|---|---|---|-----|---|---|---|--------|---|-----|----|---|---|---|---|--|---------|
| % | | | % | L | t | l | l | n | e | l | t | L | % | n | s | t | n | o | I | % | n | n | t | V | V | | |
| 1800.00 | cut | Sh/Clst: pl brn to brn gy | 100 | ** | ** | ** | ? | * | * | | | | | TR | * | | | | | TR | * | * | | | | | 0035-1L |
| 2030.00 | cut | Sh/Clst: pl brn to gy brn to lt brn gy | 95 | ** | ** | ** | ? | * | * | ? | | | | TR | * | | | | | 5 | * | * | | | | | 0037-1L |
| 2130.00 | cut | Sh/Clst: lt brn gy to pl brn to gy brn | 100 | ** | * | * | | * | * | | | | | TR | * | | | | | TR | | * | | | | | 0038-2L |
| 2370.00 | cut | Sh/Clst: lt brn gy to pl brn to gy brn | 100 | | ** | * | | * | | | | | | TR | * | | | | | TR | | * | | | | | 0039-1L |
| 2490.00 | cut | Sh/Clst: lt brn gy to lt gy | 90 | | ** | ** | | * | * | | | | | 5 | * | | | | | 5 | | * | | | | | 0040-1L |
| 2610.00 | cut | Sh/Clst: lt brn gy to lt gy to pl brn | 95 | | ** | ** | * | * | * | | | | | TR | * | | | | | 5 | | * | | | | | 0041-1L |
| 2730.00 | cut | Sh/Clst: lt brn gy to lt gy to pl brn | NDP | | ** | ** | * | * | * | | | | | NDP | * | | | | | NDP | | * | | | | | 0042-1L |
| 2850.00 | cut | Sh/Clst: lt gy to lt bl gy | NDP | | ** | ** | * | * | | | | | | NDP | * | | | | | NDP | ** | * | * | | | | 0043-1L |
| 3810.00 | cut | Sh/Clst: drk gy to brn blk | NDP | * | | | | | | | | | | NDP | | | | | | NDP | | | | | | | 0067-1L |
| 3990.00 | cut | Sh/Clst: drk gy to brn blk | NDP | | * | * | | | | | | | | NDP | | | | | | NDP | | | | | | | 0019-1L |
| 4140.00 | cut | Sh/Clst: brn blk to drk gy | NDP | | ** | | | * | * | | | | | NDP | | | | | | NDP | | | | | | | 0022-1L |
| 4210.00 | cut | Sh/Clst: brn blk to drk gy | 90 | ** | ** | * | | * | | | | | | TR | ? | | | | | 10 | | * | | | | | 0051-1L |

Table 3. Visual Kerogen Composition Data for well NOCS 2/7-22

Depth unit of measure: m

| Depth | Typ | Lithology | L i P T % | A m o r L e t | L i p p / D e l | S c l o l | C u t i c l | R e s i n | A l g a l | D i n o f l | A c r i t L | I N E R T % | F u s i n | S e m F u s e t | I n t e r i n | M i c r e r o | S c l e r o I | V I T R % | T e l l i n | C o l l i n | V i t D r e t V | A m o r B i t V | Sample |
|---------|-----|------------------------------------|-----------------------|---------------------------------|--------------------------------------|-----------------------|----------------------------|-----------------------|-----------------------|----------------------------|----------------------------|----------------------------|-----------------------|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------|----------------------------|----------------------------|--------------------------------------|--------------------------------------|---------|
| 4245.00 | cut | Sh/Clst: brn blk to drk gy | 75 | * | ? | * | | * | | | | 25 | * | * | * | | | TR | | * | | | 0024-1L |
| 4302.00 | cut | Sh/Clst: drk gy to brn blk | 85 | ** | | * | | * | | | | 15 | * | * | * | | | TR | * | * | | | 0001-1L |
| 4375.00 | cut | Sh/Clst: drk gy to brn blk | 90 | ** | | * | | * | | | | 10 | * | * | * | | | TR | * | * | | | 0010-1L |
| 4420.00 | cut | Sh/Clst: m gy to drk gy to brn blk | NDP | | | | | | | | | NDP | | | | | | NDP | | | | | 0061-1L |
| 4450.00 | cut | Sh/Clst: drk gy to brn blk | 95 | ** | | * | | * | | | | 5 | * | * | * | | | TR | * | * | | | 0063-1L |
| 4461.00 | cut | Sh/Clst: drk gy to brn blk | 100 | ** | | * | | * | | | | TR | | * | * | | | TR | | * | | | 0103-1L |
| 4570.00 | cut | Sh/Clst: lt brn gy to m brn | 100 | ** | | * | | * | * | | | TR | | | * | | | TR | | * | | | 0079-1L |
| 4610.00 | cut | Sh/Clst: m brn to brn gy | NDP | | | | | | | | | NDP | | | | | | NDP | | | | | 0086-2L |
| 4660.00 | cut | Sh/Clst: brn blk to drk gy | NDP | | | | | | | | | NDP | | | | | | NDP | | | | | 0065-2L |
| 4730.00 | cut | Sh/Clst: lt brn to m brn | NDP | | | | | | | | | NDP | | | | | | NDP | | | | | 0094-1L |
| 4750.00 | cut | Sh/Clst: m brn to pl brn | NDP | | | | | | | | | NDP | | | | | | NDP | | | | | 0083-1L |