

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |     |      |   |  |
|------|-----|------|---|--|
| 1045 | 100 | CMT  |   |  |
|      |     |      |   |  |
| 1055 | 50  | CMT  |   |  |
|      | 50  |      | Mud additives   |  |
|      |     |      |   |  |
| 1065 | 90  | CLST | M gry, light gry, sft, stky, plas, amor, slily calc - mod calc, abd shl frag, Tr mic, Tr of glauc, sdy. |  |
|      | 10  | CMT  |   |  |
|      |     |      |   |  |
| 1075 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1085 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1095 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1105 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1115 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1125 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1135 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1145 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1155 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1165 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1175 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1185 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1195 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1205 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1215 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1225 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1235 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1245 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1255 | 100 | CLST | a.a.  |  |
|      |     |      |   |  |
| 1265 | 100 | CLST | M gry, lt gry, sft - frm, stky, occ blk, slily calc to mod calc, Tr mic, Tr glauc, shl frag, sdy.       |  |
|      | Tr  | SD   | Clr, trnsph, sph - sbsph, wl mdd, f to cse gr, pr srt, lse Qtz, Tr glauc.                               |  |
|      |     |      |   |  |
|      |     |      |   |  |

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
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|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |     |      |  |  |
|------|-----|------|--|--|
| 1275 | 100 | CLST | M gry, lt gry, sft - frm, stky, occ blk, slily calc to mod calc, Tr mic, Tr glauc, shl frag, sdy.                |  |
|      | Tr  | SD   | Clr, trnsph, sph - sbsph, wl rndd, f to cse gr, pr srt, lse Qtz, Tr glauc.                                       |  |
|      |     |      |  |  |
| 1285 | 90  | CLST | a.a.   |  |
|      | 10  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1295 | 70  | CLST | a.a.   |  |
|      | 30  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1305 | 60  | CLST | a.a.   |  |
|      | 40  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1315 | 70  | CLST | a.a.   |  |
|      | 30  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1325 | 90  | CLST | a.a.   |  |
|      | 10  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1335 | 100 | CLST | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1345 | 100 | CLST | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1355 | 100 | CLST | M gry, lt gry, sft - frm, stky, occ blk, slily calc - mod calc, Tr mic, Tr glauc, shl frag, sdy.                 |  |
|      | Tr  | SD   | Clr, trnsph, sph - sb sph, wl rndd, f - cse gr, pr srt, lse Qtz, tr glauc.                                       |  |
|      |     |      |  |  |
| 1345 | 100 | CLST | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
|      | Tr  | LS   | Off wh, v lt gry, sft, crmby, sdy, occ microxln.   |  |
|      |     |      |  |  |
| 1355 | 100 | CLST | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1365 | 100 | CLST | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1375 | 100 | CLST | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1385 | 100 | CLST | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1395 | 100 | CLST | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1405 | 100 | CLST | M gry, lt gry, occ gnsh gry, sft - frm, stky, occ blk, slily calc - mod calc, Tr mic, Tr - glauc, shl frag, sdy. |  |
|      | Tr  | SD   | Clr, trnsph, sph - sbsph, wl rndd, f - cse gr, pr, srt, les Qtz, Tr glauc.                                       |  |
|      | Tr  | LS   | Off wh, v lt gry, sft, crmby, sdy, occ microxln.   |  |

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |     |      |  |  |
|------|-----|------|--|--|
| 1415 | 100 | CLST | M gry, lt gry, occ gnsh gry, sft - frm, stky, occ blk, slily calc - mod calc, Tr mic, Tr - glauc, shl frag, sdy. |  |
|      | Tr  | SD   | Clr, trnsph, sph - sbsph, wl rndd, f - cse gr, pr, srt, les Qtz, Tr glauc.                                       |  |
|      |     |      |  |  |
| 1425 | 90  | CLST | a.a.   |  |
|      | 10  | SD   | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |
|      |     |      |  |  |
| 1435 | 90  | CLST | a.a.   |  |
|      | 10  | SD   | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |
|      |     |      |  |  |
| 1445 | 100 | CLST | a.a.   |  |
|      |     |      |  |  |
| 1455 | 100 | CLST | M, gry, brnsh gry, occ gnsh gry, sft - frm, stky, occ blk, slily calc - mod calc Tr mic, Tr glauc, v sdy.        |  |
|      | Tr  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1465 | 100 | CLST | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |
|      |     |      |  |  |
| 1475 | 100 | CLST | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |
|      |     |      |  |  |
| 1485 |     |      | Missing  |  |
|      |     |      |  |  |
| 1495 |     |      | Missing  |  |
|      |     |      |  |  |
| 1505 | 100 | CLST | M gry, bnsh gry, occ gnsh gry, sft - frm, stky, occ blk, slily calc - mod cal, Tr mic, Tr glauc, v sdy.          |  |
|      | Tr  | SD   | Clr, trnsph - sbsph, wl rndd, f - cse gr, pr srt, Qtz gr, Tr glauc.  |  |
|      | Tr  | LS   | Off wh, v lt gr, sft, crmby, sdy, occ microxln   |  |
|      |     |      |  |  |
| 1515 | 90  | CLST | a.a.   |  |
|      | 10  | SD   | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |
|      |     |      |  |  |
| 1525 | 100 | CLST | Brnsh gry, lt gry, m gry, occ gn gry - olv gry, frm, blk, occ sft, amor, non to mod calc, sdy, Tr glauc.         |  |
|      | Tr  | SD   | Clr, trnsph - sbsph, wl rndd, f - cse gr, pr srt, Qtz gr, Tr glauc.  |  |
|      | Tr  | LS   | Yelsh gry, off wh, v lt gry, frm - hd, crmby - blk, occ sdy, pred microxln.                                      |  |
|      |     |      |  |  |
| 1535 |     |      | Missing  |  |
|      |     |      |  |  |
| 1545 | 90  | CLST | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
|      | 10  | LS   | a.a.   |  |
|      |     |      |  |  |
|      |     |      |  |  |

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |     |      |  |  |
|------|-----|------|--|--|
| 1555 | 90  | CLST | Brnsh gry, lt gry, m gry, occ gn gry - olv gry, frm, blk, occ sft, amor, non to mod calc, sdy, Tr glauc.               |  |
|      | Tr  | SD   | Clr, trnsph, sphl - sbsph, wl rndd, f - cse gr, pr srt, Qtz gr, Tr glauc.  |  |
|      | 10  | LS   | Yelsh gry, off wh, v lt gry, frm - hd, crmby - blk, occ sdy, pred microxln.  |  |
|      |     |      |  |  |
| 1565 | 100 | CLST | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |
|      |     |      |  |  |
| 1575 | 100 | CLST | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |
|      |     |      |  |  |
| 1585 | 90  | CLST | a.a.   |  |
|      | 10  | LS   | Yelsh gry, off wh, v lt gry, frm - hd, blk, r sdy, microxln.   |  |
|      |     |      |  |  |
| 1595 | 90  | CLST | a.a.   |  |
|      | 10  | LS   | a.a.   |  |
|      |     |      |  |  |
| 1605 | 85  | CLST | a.a.   |  |
|      | 15  | LS   | a.a.   |  |
|      |     |      |  |  |
| 1615 | 90  | CLST | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |
|      | 10  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1625 | 90  | CLST | a.a.   |  |
|      | 10  | LS   | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1635 | 100 | CLST | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |
|      |     |      |  |  |
| 1645 | 100 | CLST | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
|      |     |      |  |  |
| 1655 | 90  | CLST | a.a.   |  |
|      | 10  | LS   | a.a.   |  |
|      |     |      |  |  |
| 1665 |     |      | a.a.   |  |
|      |     |      |  |  |
| 1675 | 90  | CLST | a.a.   |  |
|      | 5   | LS   | a.a.   |  |
|      | 5   | SD   | a.a.   |  |
|      |     |      |  |  |
| 1685 | 95  | CLST | Dk gnsh gry, brnsh gry, m gry, occ gn gry - olv gry, frm, blk, occ sft, amor, non to mod calc sdy, Tr glauc, micromic. |  |
|      | 5   | LS   | Yelsh gry, off wh, v lt gry, frm - hd, blk, microxln, occ blk spk.   |  |
|      |     |      |  |  |
| 1695 | 100 | CLST | Dk gnsh gry, brnsh gry mott w/ m blsh gry, frm, blk, non - slily calc, occ sdy, Tr glauc, micromic.                    |  |
|      | Tr  | LS   | a.a.   |  |

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |     |      |  |  |
|------|-----|------|--|--|
| 1705 | 100 | CLST | Dk gnsh gry, brnsh gry mott w/ m blsh gry, frm, blk, non - slily calc, occ sdy, Tr glauc, micromic.                              |  |
|      | Tr  | LS   | Yelsh gry, off wh, v lt gry, frm - hd, blk, microxln, occ blk spk.   |  |
| 1715 | 100 | CLST | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |
| 1725 | 100 | CLST | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |
| 1735 | 100 | CLST | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
| 1745 | 100 | CLST | a.a. W/ micropyr.  |  |
|      | Tr  | SD   | Clr, trnsp, sph to sbsph, wl rndd, f - cse gr, pr srt, lse Qtz gr w/ occ v pr cmt Sst w/ wh sft v f Mtrx.                        |  |
| 1755 | 95  | CLST | a.a.   |  |
|      | 5   | SD   | a.a.   |  |
| 1765 | 10  | CLST | a.a.   |  |
|      | 90  | SD   | a.a.   |  |
| 1775 | 10  | CLST | a.a.   |  |
|      | 90  | SD   | a.a.   |  |
| 1785 | 90  | CLST | a.a.   |  |
|      | 10  | SD   | a.a.   |  |
| 1795 | 90  | CLST | a.a.   |  |
|      | 10  | SD   | a.a.   |  |
|      | Tr  |      | a.a.   |  |
| 1805 | 90  | CLST | a.a.   |  |
|      | 10  | SD   | a.a.   |  |
| 1815 | 70  | CLST | a.a.   |  |
|      | 30  | SD   | a.a.   |  |
| 1825 | 90  | CLST | a.a.   |  |
|      | 10  | SD   | a.a.   |  |
| 1835 | 100 | CLST | a.a.   |  |
|      | Tr  | SD   | a.a.   |  |
| 1845 | 80  | CLST | a.a.   |  |
|      | 20  | SD   | a.a.   |  |
| 1855 | 30  | CLST | Dk gnsh gry, bnsh gry, dusky yelsh brn, occ gn gry - olv gry, frm, blk, occ sft, amor, non to mod calc, sdy, Tr glauc, micromic. |  |
|      | 70  | SD   | Clr, trnsp, sph - sbsph, wl rndd, f - cse gr, pr, srt, pred lse Qtz gr w/ occ v  |  |

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
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|      |     |      |  |                      |
|------|-----|------|--|----------------------|
|      |     |      | pr cmt pieces w/ a wh sft v f Mtrx   |                      |
| 1865 | 60  | CLST | Dk gnsh gry, bnsh gry, dusky yelsh brn, occ gn gry - olv gry, frm, blk, occ sft, amor, non to mod calc, sdy, Tr glauc, micromic. |                      |
|      | 40  | SD   | Clr, trnsp, sph - sbsph, wl rndd, f - cse gr, pr, srt, pred lse Qtz gr w/ occ v  |                      |
| 1875 | 70  | CLST | a.a.   |                      |
|      | 30  | SD   | a.a.   |                      |
| 1885 | 70  | CLST | a.a.   |                      |
|      | 30  | SD   | a.a.   |                      |
| 1895 | 60  | CLST | a.a.   |                      |
|      | 40  | SD   | a.a.   |                      |
| 1905 | 100 | CLST | a.a.   |                      |
|      | Tr  | SD   | a.a.   |                      |
| 1915 | 90  | CLST | a.a.   |                      |
|      | 10  | SD   | a.a.   |                      |
| 1925 | 70  | CLST | a.a.   |                      |
|      | 30  | SD   | a.a.   |                      |
| 1935 | 60  | CLST | a.a.   |                      |
|      | 40  | SD   | a.a.   |                      |
| 1945 | 90  | CLST | a.a.   |                      |
|      | 10  | SD   | a.a.   |                      |
| 1955 | 95  | CLST | a.a.   | Tr pressure cave ins |
|      | 5   | SD   | a.a.   |                      |
| 1965 | 80  | CLST | a.a.   |                      |
|      | 20  | SD   | a.a.   |                      |
| 1975 | 70  | CLST | a.a.   |                      |
|      | 30  | SD   | a.a.   |                      |
| 1985 | 80  | CLST | a.a.   |                      |
|      | 20  | SD   | a.a.   |                      |
| 1995 | 90  | CLST | a.a.   |                      |
|      | 10  | SD   | a.a.   |                      |
| 2005 | 100 | CLST | a.a.   |                      |
|      | Tr  | SD   | a.a.   |                      |
| 2015 | 80  | CLST | a.a.   |                      |
|      | 20  | SD   | a.a.   |                      |
|      |     |      |  |                      |
|      |     |      |  |                      |

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |     |         |   |                      |
|------|-----|---------|---|----------------------|
| 2025 | 100 | CLST    | Dk gnsh gry, bnsh gry, dusky yelsh brn, occ gn gry - olv gry, frm, blk, y, occ sft, amor, non to mod calc, sdy, Tr glauc, micromic. |                      |
|      | Tr  | SD      | Clr, trnsph, sph - sbsph, wl rndd, f - cse gr, pr, srt, pred lse Qtz gr w/ occ v  |                      |
|      |     |         |   |                      |
| 2035 | 80  | CLST    | a.a.  |                      |
|      | 20  | SD      | a.a.  |                      |
|      |     |         |   |                      |
| 2045 | 100 | CLST    | a.a.  |                      |
|      | Tr  | SD      | a.a.  |                      |
|      |     |         |   |                      |
| 2055 | 100 | CLST    | Yelsh rd brn mott w/ m blsh gry, oiv gry, occ lt brnsh gry, frm, blk, y, non - slily calc, Tr glauc, Tr pyr, micromic, r sdy        |                      |
|      | Tr  | SD      | Clr, trnsph, sphl - sbsph, wl rndd, f - cse gr, pr srt, pred lse Qtz gr w/ occ v pr cmt pieces w/ a wh sft v f Mtrix                |                      |
|      | Tr  | Tf CLST | V lt gry, yelsh gry, lt olv gry, v lt brn, sft - frm, blk, y, non to calc, Tr pyr.  |                      |
|      |     |         |   |                      |
| 2065 | 100 | CLST    | a.a.  | Tr pressure cave ins |
|      | Tr  | SD      | a.a.  |                      |
|      | Tr  | Tf CLST | a.a.  |                      |
|      |     |         |   |                      |
| 2075 | 100 | CLST    | a.a.  |                      |
|      | Tr  | SD      | a.a.  |                      |
|      | Tr  |         | a.a.  |                      |
|      |     |         |   |                      |
| 2085 | 90  | CLST    | a.a.  |                      |
|      | 10  | SD      | a.a.  |                      |
|      | Tr  |         | a.a.  |                      |
|      |     |         |   |                      |
| 2095 | 100 | CLST    | a.a.  |                      |
|      | Tr  | SD      | a.a.  |                      |
|      | Tr  | Tf CLST | a.a.  |                      |
|      |     |         |   |                      |
| 2105 | 80  | CLST    | a.a.  |                      |
|      | 20  | SD      | a.a.  |                      |
|      | Tr  | Tf CLST | a.a.  |                      |
|      |     |         |   |                      |
| 2115 | 100 | CLST    | a.a.  | Tr pressure cave ins |
|      | Tr  | SD      | a.a.  |                      |
|      | Tr  | Tf CLST | a.a.  |                      |
|      |     |         |   |                      |
| 2125 | 100 | CLST    | a.a.  |                      |
|      | Tr  | Tf CLST | a.a.  |                      |
|      |     |         |   |                      |
| 2135 | 100 | CLST    | a.a.  |                      |
|      | Tr  | Tf CLST | a.a.  |                      |
|      |     |         |   |                      |
| 2145 | 100 | CLST    | a.a.  |                      |
|      | Tr  | SD      | a.a.  |                      |
|      | Tr  | Tf CLST | a.a.  |                      |
|      |     |         |   |                      |
| 2155 | 100 | CLST    | a.a.  |                      |
|      | Tr  | Tf CLST | a.a.  |                      |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |     |         |   |                      |
|------|-----|---------|---|----------------------|
| 2165 | 100 | CLST    | Yelsh rd brn mott w/ m blsh gry, oiv gry, occ lt brnsh gry, frm, blk, non - slily calc, Tr glauc, Tr pyr, micromic, r sdy   |                      |
|      | Tr  | Tf CLST | V lt gry, yelsh gry, lt olv gry, v lt brn, sft - frm, blk, non to calc, Tr pyr.   |                      |
| 2175 | 100 | CLST    | a.a.  |                      |
|      | Tr  | LS      | Yelsh gry, lt brn, off wh, sft - frm, amor - blk, microxln, r blk spk.  |                      |
| 2185 | 100 | CLST    | a.a.  |                      |
|      | Tr  | LS      | a.a.  |                      |
| 2195 | 100 | CLST    | a.a.  |                      |
|      | Tr  | LS      | a.a.  |                      |
| 2205 | 100 | CLST    | a.a.  |                      |
|      | Tr  | SD      | a.a.  |                      |
| 2215 | 90  | CLST    | Yelsh rd brn mott w/ m blsh gry, olv gry, occ lt brnsh gry, frm, blk, non - slily calcs, tr glauc, Tr pyr, micromic, r sdy. |                      |
|      | 10  | SST     | Clr, trnsp, pred lse Qtz gr, m, occ cse, sbrndd - sb sph, mod srt pr calc cmt or i.p. a CI Mtrx.                            |                      |
| 2225 | 70  | CLST    | a.a.  |                      |
|      | 30  | SST     | a.a.  |                      |
| 2235 | 70  | CLST    | a.a.  |                      |
|      | 30  | SST     | a.a.  |                      |
| 2245 | 40  | CLST    | a.a.  |                      |
|      | 60  | SST     | a.a.  |                      |
| 2255 | 60  | CLST    | a.a.  |                      |
|      | 40  | SST     | a.a.  |                      |
|      | Tr  | LS      | Wh, off wh, sft, crmby, occ frm, blk, occ blk lam, crpxln, microxln i.p.  |                      |
| 2265 | 70  | CLST    | a.a.  | Tr pressure cave ins |
|      | 20  | SST     | a.a.  |                      |
|      | 10  | LS      | Wh, off wh, sft, crmby, occ frm, blk, occ blk lam, crpxln, microxln i.p   |                      |
| 2275 | 40  | CLST    | M blsh gry, olv gry, occ lt brnsh gry, frm, blk, non to slily calc, Tr glauc, Tr pyr, micromic, r sdy.                      |                      |
|      | 40  | SST     | Clr, trnsp, pred lse Qtz gr, m, occ cse, sbrndd - sb sph, mod srt pr calc cmt or i.p. a CI Mtrx.                            |                      |
|      | 10  | LS      | a.a.  |                      |
|      | 10  | Tf CLST | V lt gry, yelsh gry, lt olv gry, v lt brn, sft - frm, blk, non to calc, tr pyr.   |                      |
| 2285 | 40  | CLST    | a.a.  | Tr pressure cave ins |
|      | 30  | SST     | a.a.  |                      |
|      | 30  | LS      | a.a.  |                      |
| 2295 | 40  | CLST    | a.a.  |                      |
|      | 40  | SST     | a.a.  |                      |



## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |     |      |  |                      |
|------|-----|------|--|----------------------|
|      | 20  | LS   | a.a.   |                      |
|      |     |      |  |                      |
| 2305 | 40  | CLST | M blsh gry, olv gry, occ lt brnsh gry, frm, blk, non to slily calc, Tr glauc, Tr pyr, micromic, r sdy. | Tr pressure cave ins |
|      | 60  | SST  | a.a.   |                      |
|      |     |      |  |                      |
|      |     |      |  |                      |
| 2315 | 30  | CLST | a.a.   |                      |
|      | 70  | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2325 | 30  | CLST | a.a.   | Tr pressure cave ins |
|      | 60  | SST  | a.a.   |                      |
|      | 10  | LS   | a.a.   |                      |
|      |     |      |  |                      |
| 2335 | 10  | CLST | a.a.   |                      |
|      | 90  | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2345 | 20  | CLST | a.a.   | Tr pressure cave ins |
|      | 80  | SST  | a.a.   |                      |
|      | Tr  | LS   | a.a.   |                      |
|      |     |      |  |                      |
| 2355 | 10  | CLST | a.a.   |                      |
|      | 90  | SST  | a.a.   |                      |
|      | Tr  | LS   | a.a.   |                      |
|      |     |      |  |                      |
| 2365 | Tr  | CLST | M blsh gry, olv gry, occ lt brnsh gry, frm, blk, non to slily calc, Tr glauc, Tr pyr, micromic, r sdy. | Tr pressure cave ins |
|      | 100 | SST  | Clr, trnsp, pred lse Qtz gr, m, occ cse, sbrndd - sbsphl, mod srt, pr calc cmt or i.p. a CI Mtrx.      |                      |
|      |     |      |  |                      |
| 2375 | 50  | CLST | a.a.   | Tr pressure cave ins |
|      | 50  | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2385 | 10  | CLST | a.a.   |                      |
|      | 90  | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2395 | Tr  | CLST | M blsh gry, olv gry, occ lt brnsh gry, frm, blk, non to slily calc, Tr glauc, Tr pyr, micromic, r sdy. |                      |
|      | 100 | SST  | Clr, trnsp, pred lse Qtz gr, m, occ cse, sbrndd - sbsphl, mod srt, pr calc cmt or i.p. a CI Mtrx.      |                      |
|      | Tr  | LS   | Wh, off wh, sft, crmby, occ frm, blk, occ blk lam, crpxln, microxln i.p.                               |                      |
|      |     |      |  |                      |
| 2405 | Tr  | CLST | a.a.   |                      |
|      | 100 | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2415 | Tr  | CLST | a.a.   |                      |
|      | 100 | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2425 | Tr  | CLST | a.a.   |                      |
|      | 100 | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2435 | 10  | CLST | a.a.   | Tr pressure cave ins |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |     |      |  |                      |
|------|-----|------|--|----------------------|
|      | 90  | SST  | a.a.   |                      |
|      | Tr  | LS   | a.a.   |                      |
|      |     |      |  |                      |
| 2445 | 10  | CLST | M blsh gry, olv gry, occ lt brnsh gry, frm, blk, non to slily calc, Tr glauc, Tr pyr, micromic, r sdy.     | Tr pressure cave ins |
|      | 80  | SST  | Clr, trnsp, pred lse Qtz gr, m, occ cse, sbrndd - sbsphl, mod srt, pr calc cmt or i.p. a Cl Mtrx.          |                      |
|      | 10  | LS   | Wh, off wh, sft, crmby, occ frm, blk, occ blk lam, crpxln, microxln i.p.                                   |                      |
|      |     |      |  |                      |
| 2455 | Tr  | CLST | a.a.   | Tr pressure cave ins |
|      | 100 | SST  | a.a.   |                      |
|      | Tr  | LS   | a.a.   |                      |
|      |     |      |  |                      |
| 2465 | Tr  | CLST | a.a.   |                      |
|      | 100 | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2475 | 10  | CLST | a.a.   |                      |
|      | 90  | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2485 | 10  | CLST | a.a.   |                      |
|      | 90  | SST  | a.a.   |                      |
|      | Tr  | LS   | a.a.   |                      |
|      |     |      |  |                      |
| 2495 | Tr  | CLST | a.a.   |                      |
|      | 100 | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2505 | Tr  | CLST | a.a.   | Tr pressure cave ins |
|      | 100 | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2515 | Tr  | CLST | a.a.   |                      |
|      | 100 | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2525 | Tr  | CLST | a.a.   |                      |
|      | 100 | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2535 | Tr  | CLST | Dk gr, olv gry, brn gry, dusky gn, occ lt blsh gry, frm, blk, non - slily calc, Tr glauc, Tr pyr, occ sdy. |                      |
|      | 100 | SST  | Clr, trnsp, pred lse Qtz gr, m, occ cse, sbrndd, sb sph,, occ sb ang, pr srt, pr calc cmt i.p.             |                      |
|      | Tr  | LS   | Wh, off wh, sft, occ frm, crmby, occ blk lam, microxln occ xln.  |                      |
|      |     |      |  |                      |
| 2545 | Tr  | CLST | a.a.   |                      |
|      | 100 | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2555 | Tr  | CLST | a.a.   |                      |
|      | 100 | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2565 | Tr  | CLST | a.a.   |                      |
|      | 100 | SST  | a.a.   |                      |
|      |     |      |  |                      |
| 2575 | Tr  | CLST | a.a.   |                      |
|      | 100 | SST  | a.a.   |                      |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |     |      |  |                                  |
|------|-----|------|--|----------------------------------|
| 2585 | Tr  | CLST | Dk gr, olv gry, brn gry, dusky gn, occ lt blsh gry, frm, blk, non - slily calc, Tr glauc, Tr pyr, occ sdy. |                                  |
|      | 100 | SST  | Clr, trnsp, pred lse Qtz gr, m, occ cse, sbrndd, sb sph., occ sb ang, pr srt, pr calc cmt i.p.             |                                  |
| 2595 | Tr  | LS   | a.a.   |                                  |
|      | 100 | CLST | a.a.   |                                  |
|      | Tr  | SST  | a.a.   |                                  |
| 2605 | Tr  | CLST | a.a.   |                                  |
|      | 100 | SST  | a.a.   |                                  |
| 2615 | 10  | CLST | Dk gry, olv gry, dusky gn, frm - mod hd, blk, Tr pyr.  |                                  |
|      | 90  | SST  | a.a.   |                                  |
| 2625 | 15  | CLST | a.a.   |                                  |
|      | 85  | SST  | a.a.   |                                  |
| 2635 | 70  | CLST | a.a.   | Tr pressure cave ins             |
|      | 30  | SST  | a.a.   |                                  |
| 2645 | 40  | CLST | a.a.   | 3-5% over shkr pressure cave ins |
|      | 60  | SST  | a.a.   |                                  |
| 2655 | 80  | CLST | Grysh gn, dusky gn, mod hd, blk to brit, Tr glauc, Tr pyr.   | 3-5% over shkr pressure cave ins |
|      | 20  | SST  | a.a. Occ w/ hd grysh gn CLST Mtrix.  |                                  |
| 2663 | BU  |      | Nothing coming over shakers.   |                                  |
| 2670 | 40  | SST  | a.a.   |                                  |
|      | 60  | CLST | a.a varic. cvgs  |                                  |
| 2680 | 50  |      | Clr Qtz, f-m, tr crs, sbrnd-rndd, wl srt, Tr calc cmt, Tr mic, Tr micropyr, lse.                           |                                  |
|      | 50  | CLST | M bl gry-m dk gry, frm, blk, calc-v calc, micropyr, r carb.  |                                  |
| 2690 | 60  | SST  | a.a. V calc cmt  |                                  |
|      | 40  | CLST | a.a. Pred m dk gry.  |                                  |
| 2700 | 60  | CLST | a.a.   |                                  |
|      | 40  | SST  | a.a.   |                                  |
| 2710 | 30  | CLST | a.a.   |                                  |
|      | 70  | SST  | a.a.   |                                  |
| 2720 | 30  | CLST | a.a.   |                                  |
|      | 70  | SST  | a.a.   |                                  |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |     |        |  |  |
|------|-----|--------|--|--|
| 2730 | 100 | LS     | Wh-v lt gry, amor-blky, frm, micropyr, Tr v f sdy.                         |  |
|      |     |        |  |  |
| 2740 | 60  | LS     | a.a.   |  |
|      | 40  | LS/MRL | Gry pk-pa rd, sft, amor-blky, tr vf sdy, slily arg.                        |  |
|      |     |        |  |  |
| 2750 | 70  | LS/MRL | Gry pk-pl rd, sft, amor-blky, Tr v f sdy, slily arg.                       |  |
|      | 30  | LS     | a.a.   |  |
|      |     |        |  |  |
| 2760 | 70  | LS/MRL | Gry pk-pl rd, sft, amor-blky, Tr v f sdy, slily arg.                       |  |
|      | 30  | LS     | a.a.   |  |
|      |     |        |  |  |
|      |     |        |  |  |
| 2770 | 80  | LS/MRL | a.a. M lt gry-lt gry, gry pk-pa rd, arg.                                   |  |
|      | 20  | LS     | Wh, blky, chky, mod hd, tr micropyr, v f sdy.                              |  |
|      |     |        |  |  |
| 2780 | 80  | LS     | Wh, blky, chky, mod hd, tr micropyr, vf sdy.                               |  |
|      | 20  | LS/MRL | a.a. M lt gry-lt gry, arg. .   |  |
|      |     |        |  |  |
| 2790 | 80  | LS     | Wh, blky, chky, mod hd, tr micropyr, v f sdy.                              |  |
|      | 20  | LS/MRL | M lt gry-lt gry, arg, else a.a.  |  |
|      |     |        |  |  |
| 2800 | 80  | LS     | Wh-m lt gry, blky, chky, mod hd, Tr micropyr, v f sdy.                     |  |
|      | 20  | LS/MRL | a.a.. M lt gry-lt gry, arg.a.  |  |
|      |     |        |  |  |
| 2810 | 80  | LS     | a.a. Wh-m lt gry.  |  |
|      | 20  | LS/MRL | a.a. M lt gry-lt gry.  |  |
|      |     |        |  |  |
| 2820 | 80  | LS     | a.a. Wh-m lt gry.  |  |
|      | 20  | LS/MRL | a.a. M lt gry-lt gry .   |  |
|      |     |        |  |  |
| 2830 | 90  | LS     | a.a. Wh-v lt gry.  |  |
|      | 10  | LS/MRL | a.a.   |  |
|      |     |        |  |  |
| 2840 | 60  | LS     | Wh – off wh, blky, chky, frm – hd, tr micropyr, r carb spk, grdg Mrl i.p.. |  |
|      | 40  | MRL    | Lt gy – md gry, blky, frm, mod hd, grad LS i.p.                            |  |
|      |     |        |  |  |
| 2850 | 20  | LS     | Wh – off wh, blky, chky, frm – hd, tr micropyr, r carb spk, grdg Mrl i.p.. |  |
|      | 80  | MRL    | a.a.   |  |
|      |     |        |  |  |
| 2860 | 30  | LS     | a.a.   |  |
|      | 70  | MRL    | a.a.   |  |
|      |     |        |  |  |
| 2870 | 50  | LS     | a.a.   |  |
|      | 50  | MRL    | a.a.   |  |
|      |     |        |  |  |
| 2880 | 70  | LS     | Wh – off wh, lt gry, blky, frm – hd, chky, microxln, grdg Mrl, Tr sd.      |  |
|      | 30  | MRL    | Lt – m dk gry, st – frm, amor, blky.                                       |  |
|      |     |        |  |  |
| 2890 | 80  | LS     | a.a.   |  |
|      | 20  | MRL    | a.a.   |  |
|      |     |        |  |  |
|      |     |        |  |  |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                                     |
|------------------------|------------------|---|--|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny                        |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  | Shows, cavings, mud additives, etc. |

|      |     |      |  |  |
|------|-----|------|--|--|
| 2900 | 90  | LS   | Wh – off wh, lt gry, blk, frm – hd, chky, microxln, grdg Mrl, Tr sd.,<br>Pred wh – off wh, chky.       |  |
|      | 10  | MRL  | Tr micropyr.   |  |
|      |     |      |  |  |
| 2910 | 70  | LS   | a.a.   |  |
|      | 30  | MRL  | a.a. Lt gry w/ dk gry lams I.P.  |  |
|      |     |      |  |  |
| 2920 | 80  | LS   | a.a.   |  |
|      | 20  | MRL  | a.a.   |  |
|      |     |      |  |  |
| 2930 | 80  | LS   | a.a.   |  |
|      | 20  | MRL  | a.a.   |  |
|      |     |      |  |  |
|      |     |      |  |  |
| 2940 | 70  | LS   | a.a.   |  |
|      | 30  | MRL  | a.a.   |  |
| 2950 | 90  | LS   | Lt gnsh gry –gnsh gry, frm-hd, brit, microxln .  |  |
|      | 10  | MRL  | Lt-med gry, sft-frm, amor-blky.  |  |
|      |     |      |  |  |
| 2960 | 70  | LS   | a.a.   |  |
|      | 30  | MRL  | a.a.   |  |
|      |     |      |  |  |
| 2970 | 70  | LS   | a.a.   |  |
|      | 30  | MRL  | a.a.   |  |
|      |     |      |  |  |
| 2980 | 80  | LS   | a.a.   |  |
|      | 20  | MRL  | a.a.   |  |
|      |     |      |  |  |
| 2990 | 90  | LS   | Lt gnsh gry – v lt gry, frm – hd, brit, blk, microxln, arg i.p.  |  |
|      | 10  | MRL  | Lt-m gry, frm – hd, amor – blk.  |  |
|      |     |      |  |  |
| 3000 | 90  | LS   | a.a.   |  |
|      | 10  | MRL  | a.a.   |  |
|      |     |      |  |  |
| 3010 | 100 | LS   | Lt gnsh gry – v lt gry, r brnsh gry, frm – hd, brit, blk, microxln, arg i.p.                           |  |
|      |     |      |  |  |
| 3020 | 90  | LS   | Lt gnsh gry – v lt gry, r brnsh gry, frm – hd, brit, blk, microxln, arg i.p.                           |  |
|      | 10  | MRL  | Lt-m gry, frm – hd, amor – blk.  |  |
|      |     |      |  |  |
| 3030 | 90  | LS   | a.a.   |  |
|      | 10  | MRL  | Pred pa brn.   |  |
|      |     |      |  |  |
| 3033 | 80  | LS   | a.a.   |  |
|      | 20  | MRL  | Pa brn, frm, blk, tr pyr.  |  |
|      |     |      |  |  |
| 3040 | 60  | LS   | Lt gnsh gry- v lt gry, occ off wh, occ v pa or, frm-mod hd, blk- sbblk, occ amor, microxln, slily arg. |  |
|      | 40  | MRL  | Lt brn – grsh pnk, frm, blk, arg.  |  |
|      | Tr  | CLST | Dk gry, mod hd, sbsplin-sb blk, sl slty, calc.   |  |
|      | 10  | MRL  | Pred pa brn.   |  |
|      |     |      |  |  |
| 3050 | 50  | LS   | a.a Occ gnsh gry.  |  |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                                     |
|------------------------|------------------|---|--|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny                        |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  | Shows, cavings, mud additives, etc. |

|      |     |      |  |  |
|------|-----|------|--|--|
|      | 50  | MRL  | Lt brn – grsh pnk, frm, blk, arg.  |  |
|      | Tr  | CLST | Dk gry, mod hd, sbsplin-sb blk, sl slty, calc.   |  |
|      | Tr  | PYR  |  |  |
|      |     |      |  |  |
| 3060 | 50  | LS   | a.a.   |  |
|      | 50  | MRL  | a.a.   |  |
|      | Tr  | CLST | a.a.   |  |
|      | Tr  | PYR  |  |  |
|      |     |      |  |  |
| 3070 | 50  | LS   | a.a.   |  |
|      | 50  | MRL  | a.a. Bcm mod rdsh brn.   |  |
|      | Tr  | PYR  |  |  |
|      |     |      |  |  |
| 3080 | 40  | LS   | a.a.   |  |
|      | 60  | MRL  | a.a. Bcm v arg.  |  |
|      | Tr  | PYR  |  |  |
|      |     |      |  |  |
| 3090 | 50  | LS   | a.a. Incr gnsh gry- mod blsh gry.  |  |
|      | 50  | MRL  | a.a.   |  |
|      |     |      |  |  |
| 3100 | 60  | LS   | a.a. Pred gnsh gry- mod blsh gry, v arg.   |  |
|      | 40  | MRL  | a.a.   |  |
|      | Tr  | CLST | Dk yelsh brn, frm, sbblk, v slty, calc.  |  |
|      |     |      |  |  |
| 3110 | 70  | LS   | a.a.   |  |
|      | 30  | MRL  | a.a.   |  |
|      |     |      |  |  |
| 3120 | 70  | LS   | a.a.   |  |
|      | 30  | MRL  | Lt brn-mod brn, frm, sbblk, arg, calc.   |  |
|      |     |      |  |  |
| 3130 | 80  | LS   | a.a.   |  |
|      | 20  | MRL  | a.a. Bcm lt brnsh gry-gysh pk.   |  |
|      |     |      |  |  |
| 3140 | 80  | LS   | Lt gnsh gry- v lt gry, gnsh gry- mod blsh gry, occ off wh, occ v pa or, frm-mod hd, blk- sbblk, occ amor, microxln, slily arg. |  |
|      | 20  | MRL  | Lt brn-mod brn, gysh pk, occ yelsh gry-yelsh brn, frm, sbblk, arg, calc.,  |  |
|      |     |      |  |  |
| 3150 | 50  | LS   | a.a.   |  |
|      | 50  | MRL  | a.a. Pred lt brnsh gry, occ mod brn.   |  |
|      |     |      |  |  |
| 3160 | 50  | LS   | a.a.   |  |
|      | 50  | MRL  | a.a.   |  |
|      |     |      |  |  |
| 3180 | 80  | LS   | Lt gnsh gry-lt blsh gry, frm-hd, blk-brit, microxln, arg.  |  |
|      | 20  | MRL  | Lt brnsh gry, occ mod brn, sl slty, sft-frm, calc, arg.  |  |
|      |     |      |  |  |
| 3190 | 90  | LS   | a.a.   |  |
|      | 10  | MRL  | a.a.   |  |
|      |     |      |  |  |
| 3200 | 100 | LS   | a.a. Bcm v arg   |  |
|      |     |      |  |  |
| 3210 | 90  | LS   | Lt gnsh gry-lt blsh gry, frm-hd, blk-brit, microxln, very arg.   |  |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |     |     |  |  |
|------|-----|-----|--|--|
|      | 10  | MRL | Lt brnsh gry, occ mod brn, sl slty, sft frm, calc, arg.  |  |
|      |     |     |  |  |
| 3220 | 100 | LS  | a.a. Glau.   |  |
|      | Tr  | MRL | a.a.   |  |
|      |     |     |  |  |
| 3230 | 90  | LS  | a.a. Occ hd- v hd.   |  |
|      | 10  | MR  | a.a.   |  |
|      |     |     |  |  |
| 3240 | 100 | LS  | a.a.   |  |
|      | Tr  | MR  | a.a.   |  |
|      |     |     |  |  |
| 3250 | 100 | LS  | a.a.   |  |
|      | Tr  | MR  | a.a.   |  |
|      |     |     |  |  |
| 3260 | 100 | LS  | a.a. Incr lt gry-lt gnsh gry.  |  |
|      | Tr  | MR  | a.a.   |  |
|      |     |     |  |  |
| 3270 | 100 | LS  | a.a.   |  |
|      | Tr  | MR  | a.a.   |  |
|      |     |     |  |  |
| 3280 | 100 | LS  | a.a. Pred off wh, lt gry- v lt gry.  |  |
|      |     |     |  |  |
| 3290 | 100 | LS  | a.a. Mod hd-hd, occ glauc.   |  |
|      |     |     |  |  |
| 3300 | 100 | LS  | a.a. Incr glauc.   |  |
|      |     |     |  |  |
| 3310 | 100 | LS  | a.a.   |  |
|      |     |     |  |  |
| 3320 | 100 | LS  | a.a.   |  |
|      |     |     |  |  |
| 3330 | 100 | LS  | Pred off wh, lt gry- v lt gry, Lt gnsh gry-lt blsh gry, frm-hd, blkly-brit, microxln, occ glau, arg. |  |
|      |     |     |  |  |
| 3330 | 100 | LS  | a.a.   |  |
|      |     |     |  |  |
| 3340 | 100 | LS  | a.a. Incr md dk gry, microxln, lam, glauc.   |  |
|      |     |     |  |  |
| 3350 | 100 | LS  | a.a.   |  |
|      |     |     |  |  |
| 3360 | 100 | LS  | a.a.   |  |
|      |     |     |  |  |
| 3370 | 100 | LS  | a.a.   |  |
|      |     |     |  |  |
| 3380 | 100 | LS  | a.a.   |  |
|      |     |     |  |  |
| 3390 | 100 | LS  | a.a. Incr glauc, lam.  |  |
|      |     |     |  |  |
| 3400 | 100 | LS  | a.a.   |  |
|      | Tr  | MRL | a.a. Pred lt rdsh brn, mod rd, frm, blkly, v calc.   |  |
|      |     |     |  |  |
| 3405 | 90  | LS  | a.a. Inc v dk gry, arg grdg to MRL.  |  |
|      | 10  | MR  | a.a.   |  |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |    |      |   |  |
|------|----|------|---|--|
| 3410 | 90 | LS   | Pred off wh, lt gry- v lt gry, lt grnsh gry-lt blsh gry, inc v dk gry, frm-hd, blky-brit, microxln, occ glau, arg grdg to MRL.                  |  |
|      | 10 | MRL  | Pred lt rdsh brn, mod rd, frm, occ mod hd, blky, v calc.  |  |
| 3420 | 80 | LS   | a.a.  |  |
|      | 20 | MRL  | a.a.  |  |
| 3430 | 90 | LS   | a.a. Lt gry-m dk gry, microxln, arg, frm-hd.  |  |
|      | 10 | MRL  | a.a. Lt brnsh gry, frm, slily slty.   |  |
| 3440 | 90 | LS   | a.a., Glauc i.p.  |  |
|      | 10 | MRL  | a.a.  |  |
| 3450 | 90 | LS   | a.a. Incr m dk gry, v arg.  |  |
|      | 10 | MRL  | a.a.  |  |
| 3460 | 90 | LS   | a.a.  |  |
|      | 10 | MRL  | a.a.  |  |
| 3470 | 80 | LS   | a.a.  |  |
|      | 20 | MRL  | a.a.  |  |
| 3480 | 70 | LS   | Incr m dk gry, incr arg.  |  |
|      | 30 | MRL  | a.a.  |  |
| 3490 | 40 | LS   | a.a.  |  |
|      | 30 | MRL  | a.a.  |  |
|      | 30 | CLST | Dk gry, sft-frm-blky, calc i.p.   |  |
| 3500 | 20 | LS   | M dk gry, off wh, lt gry- v lt gry, lt grnsh gry-lt blsh gry, frm-hd, blky-brit, microxln, occ glau, arg.                                       |  |
|      | 30 | MRL  | Pred rd brn- mod brn, blky, slily slty, calc  |  |
|      | 50 | CLST | Dk gry-dk gnsh gry, sft-frm-blky, glauc i.p., calc i.p.   |  |
| 3510 | 20 | LS   | a.a.  |  |
|      | 30 | MRL  | a.a.  |  |
|      | 50 | CLST | a.a.  |  |
| 3520 | 70 | CLST | M lt gry – md dk gry, occ dk gry, occ dk gnsh gry, frm, occ mod hd – hd, sb spln – sbblky, occ lam, micropyr, occ slily slty, non – slily calc. |  |
|      | 20 | MRL  | Rd brn – mod rdsh brn, frm, blky, slty.   |  |
|      | 10 | LS   | Lt gry – md gry, frm – mod hd, blky, slty.  |  |
| 3530 | 40 | CLST | a.a.  |  |
|      | 50 | MRL  | a.a. Grad to calc CLST.   |  |
|      | 10 | LS   | a.a.  |  |
| 3540 | 60 | CLST | a.a. Occ v hd   |  |
|      | 30 | MRL  | a.a.  |  |
|      | 10 | LS   | a.a.  |  |



## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                                     |
|------------------------|------------------|---|--|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny                        |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  | Shows, cavings, mud additives, etc. |

|      |    |         |   |  |
|------|----|---------|---|--|
| 3550 | 60 | CLST    | M lt gry – md dk gry, occ dk gry, occ dk gnsh gry, frm, occ mod hd – hd, sb spln – sbblky, blk, occ lam, micropyr, occ slily slty, v calc, grad to MRL. |  |
|      | 10 | MRL     | Rd brn – mod rdsh brn, frm, blk, slty.  |  |
|      | 30 | LS      | Lt gry – md gry, frm – mod hd, blk, slty.   |  |
|      |    |         |   |  |
| 3560 | 60 | MRL (2) | M gry – dk gry, blk, occ sb blk, frm – mod hd, lam.   |  |
|      | Tr | MRL (1) | a.a.  |  |
|      | 40 | LS      | a.a.  |  |
|      |    |         |   |  |
| 3570 | 70 | MRL (2) | a.a.  |  |
|      | Tr | MRL (1) | a.a.  |  |
|      | 30 | LS      | a.a.  |  |
|      |    |         |   |  |
| 3580 | 60 | MRL (2) | a.a.  |  |
|      | Tr | MRL (1) | a.a.  |  |
|      | 40 | LS      | a.a.  |  |
|      |    |         |   |  |
| 3590 | 70 | MRL (2) | a.a.  |  |
|      | Tr | MRL (1) | a.a.  |  |
|      | 30 | LS      | a.a.  |  |
|      |    |         |   |  |
| 3600 | 90 | MRL (2) | a.a.  |  |
|      | Tr | MRL (1) | a.a.  |  |
|      | 10 | LS      | a.a.  |  |
|      |    |         |   |  |
| 3610 | 50 | MRL (2) | a.a.  |  |
|      | 10 | MRL (1) | a.a.  |  |
|      | 40 | LS      | a.a.  |  |
|      |    |         |   |  |
| 3615 | 30 | MRL (2) | M gry – dk gry, blk, occ sb blk, frm – mod hd, lam.   |  |
|      | 10 | MRL (1) | Rd brn – mod rdsh brn, frm, blk, slty, grad to calc CLST  |  |
|      | 60 | LS      | Lt gry – md gry, frm – mod hd, blk, slty.   |  |
|      |    |         |   |  |
| 3618 | 30 | MRL (2) | a.a.  |  |
|      | 10 | MRL (1) | a.a.  |  |
|      | 60 | LS      | a.a.  |  |
|      |    |         |   |  |
| 3621 |    |         | Not circulated up at trip   |  |
|      |    |         |   |  |
| 3623 | 70 | LS      | Lt gnsh gry-m gry, frm- occ hd, blk, microxln, arg i.p.   |  |
|      | 20 | MRL     | Lt brnsh gry-mod brn, sft, amor, slily slty, arg, v calc  |  |
|      | 10 | CLST    | Dk gry, frm-hd, blk, v calc.  |  |
|      |    |         |   |  |
| 3627 | 20 | LS      | a.a.  |  |
|      | 70 | MRL     | a.a.  |  |
|      | 10 | CLST    | a.a.  |  |
|      |    |         |   |  |
| 3630 | 40 | LS      | a.a.  |  |
|      | 40 | MRL     | a.a.  |  |
|      | 20 | CLST    | a.a.  |  |
|      |    |         |   |  |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |     |      |  |  |
|------|-----|------|--|--|
| 3633 | 80  | LS   | Lt gnsh gry-m gry, frm- occ hd, blk, microxln, arg i.p.                              |  |
|      | 10  | MRL  | Lt brnsh gry-mod brn, sft, amor, slily slty, arg, v calc                             |  |
|      | 10  | CLST | Dk gry, frm-hd, blk, v calc.   |  |
|      |     |      |  |  |
| 3636 | 80  | LS   | a.a.   |  |
|      | 10  | MRL  | a.a.   |  |
|      | 10  | CLST | a.a.   |  |
|      |     |      |  |  |
| 3639 | 80  | LS   | a.a.   |  |
|      | 10  | MRL  | a.a.   |  |
|      | 10  | CLST | a.a.   |  |
|      |     |      |  |  |
| 3642 | 90  | LS   | Off wh-v lt gry, occ lt gnsh gry, sft, microxln, arg i.p.                            |  |
|      | 10  | MRL  | a.a.   |  |
|      |     |      |  |  |
| 3645 | 70  | LS   | a.a.   |  |
|      | 30  | MRL  | a.a.   |  |
|      |     |      |  |  |
| 3648 | 90  | LS   | a.a.   |  |
|      | 10  | MRL  | a.a.   |  |
|      |     |      |  |  |
| 3651 | 90  | LS   | a.a.   |  |
|      | 10  | MRL  | a.a.   |  |
|      |     |      |  |  |
| 3654 | 100 | LS   | V lt gry-lt gry, occ lt gnsh gry, sft-frm, microxln, arg i.p.                        |  |
|      |     |      |  |  |
| 3657 | 100 | LS   | a.a.   |  |
|      |     |      |  |  |
| 3660 | 100 | LS   | V lt gry-lt gry, occ lt gnsh gry, sft-frm, microxln, arg i.p.                        |  |
|      | Tr  | CLST | Dk gy- m dk gry, frm-hd, blk-sbfis, non calc.  |  |
|      |     |      |  |  |
| 3663 | 100 | LS   | a.a.   |  |
|      | Tr  | CLST | a.a.   |  |
|      |     |      |  |  |
| 3666 | 70  | LS   | V lt gry-lt gry, occ grnsh gry, frm, blk, arg, microxln.                             |  |
|      | 30  | CLST | M dk gry-dk gry, frm-hd, blk-sb fiss, carb.  |  |
|      |     |      |  |  |
| 3669 | 30  | LS   | a.a.   |  |
|      | 70  | CLST | a.a.   |  |
|      |     |      |  |  |
| 3672 | 20  | LS   | a.a.   |  |
|      | 80  | CLST | Dk gry-brnsh gry, brnsh blk, frm-mod hd, blk-sb fiss, micromic, carb,<br>slily calc. |  |
|      |     |      |  |  |
| 3675 | 10  | LS   | a.a.   |  |
|      | 90  | CLST | a.a.   |  |
|      |     |      |  |  |
| 3678 | 100 | CLST | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |
|      |     |      |  |  |
| 3681 | 100 | CLST | a.a.   |  |
|      | Tr  | LS   | a.a.   |  |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |     |      |   |  |
|------|-----|------|---|--|
| 3684 | 100 | CLST | Dk gry-brnsh gry, brnsh blk, frm-mod hd, blkyl-sb fiss, micromic, carb, slily calc. |  |
|      | Tr  | LS   | V lt gry-lt gry, occ grnsh gry, frm, blkyl, arg, microxln.                          |  |
| 3687 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | Wh-off wh, grysh wh, m lt gry, frm-mod hd, microxln, blkyl, loc arg                 |  |
| 3690 | 100 | CLST | a.a. I.p. slty.   |  |
|      | Tr  | LS   | a.a.  |  |
| 3693 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
| 3696 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
| 3699 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
| 3702 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
| 3705 | 100 | CLST | Dk gry-brnsh gry, frm-mod hd, blkyl, micromic, carb, sl calc, i.p. slty.            |  |
|      | Tr  | LS   | a.a.  |  |
| 3708 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
| 3711 | 100 | CLST | Dk gry-brnsh gry, frm-mod hd, blkyl, micromic, carb, sl calc, i.p. slty.            |  |
|      | Tr  | LS   | Wh-off wh, grysh wh, m lt gry, frm-mod hd, microxln, blkyl, loc arg.                |  |
| 3714 |     |      | Lost sample   |  |
| 3717 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
| 3720 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
| 3723 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
| 3726 | 100 | CLST | Dk gry-brnsh gry, frm-mod hd, blkyl, micromic, carb, slily calc, incr slty.         |  |
|      | Tr  | LS   | a.a.  |  |
| 3729 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
| 3732 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
|      |     |      |   |  |
|      |     |      |   |  |

| WELLSITE SAMPLE DESCRIPTION |                  |   |  | Page 20 of 28                       |
|-----------------------------|------------------|---|--|-------------------------------------|
| Country: Norway             |                  | Area: North Sea   |  | Field: Dagny                        |
| Well no: 15/5-7             |                  | Company: StatoilHydro   |  |                                     |
| RKB: 26 meters              |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                                     |
| Hole size: entire well      |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008                     |
| Depth<br>(m RKB)            | Lithology<br>(%) | Lithological Description  |  | Remarks                             |
|                             |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  | Shows, cavings, mud additives, etc. |

|      |     |      |   |  |
|------|-----|------|---|--|
| 3735 | 100 | CLST | Dk gry-brnsh gry, frm-mod hd, blk, micromic, carb, slily calc, incr slty.<br>Tr pyr |  |
|      | Tr  | LS   | Wh-off wh, grysh wh, m lt gry, frm-mod hd, microxln, blk, loc arg.                  |  |
|      |     |      |   |  |
| 3738 | 100 | CLST | Incr slty, else a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
|      |     |      |   |  |
| 3741 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
|      |     |      |   |  |
| 3744 |     |      | Lost sample   |  |
|      |     |      |   |  |
| 3747 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
|      |     |      |   |  |
| 3750 | 100 | CLST | M dk gry-dk gry-brnsh gry, else a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
|      |     |      |   |  |
| 3753 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
|      |     |      |   |  |
| 3756 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
|      |     |      |   |  |
| 3759 |     |      | Lost sample   |  |
|      |     |      |   |  |
|      |     |      |   |  |
| 3762 | 100 | CLST | Dk gry-brnsh gry, frm-mod hd, blk, micromic, carb, slily calc, incr slty.           |  |
|      | Tr  | LS   | Wh-off wh, grysh wh, m lt gry, frm-mod hd, microxln, blk, loc arg.                  |  |
|      |     |      |   |  |
| 3765 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
|      |     |      |   |  |
| 3768 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
|      |     |      |   |  |
| 3771 |     |      | Lost sample   |  |
|      |     |      |   |  |
| 3732 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
|      |     |      |   |  |
| 3735 | 100 | CLST | a.a. Tr pyr   |  |
|      | Tr  | LS   | a.a.  |  |
|      |     |      |   |  |
| 3738 | 100 | CLST | a.a. Incr slty  |  |
|      | Tr  | LS   | a.a.  |  |
|      |     |      |   |  |
| 3741 | 100 | CLST | a.a.  |  |
|      | Tr  | LS   | a.a.  |  |
|      |     |      |   |  |
| 3744 |     |      | Lost sample   |  |
|      |     |      |   |  |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|              |     |      |  |  |
|--------------|-----|------|--|--|
| 3747         | 100 | CLST | Dk gry-brnsh gry, frm-mod hd, blk, micromic, carb, slily calc, incr slty, tr slty.   |  |
|              | Tr  | LS   | Wh-off wh, grysh wh, m lt gry, frm-mod hd, microxln, blk, loc arg.   |  |
|              |     |      |  |  |
| 3750         | 100 | CLST | M dk gry-dk gry-brnsh gry, else a.a.   |  |
|              | Tr  | LS   | a.a.   |  |
|              |     |      |  |  |
| 3753         | 100 | CLST | a.a.   |  |
|              | Tr  | LS   | a.a.   |  |
|              |     |      |  |  |
| 3756         | 100 | CLST | a.a.   |  |
|              | Tr  | LS   | a.a.   |  |
|              |     |      |  |  |
| 3759         |     |      | Lost sample  |  |
|              |     |      |  |  |
| 3762         | 100 | CLST | Incr slty, else a.a.   |  |
|              | Tr  | LS   | a.a.   |  |
|              |     |      |  |  |
| 3765         | 100 | CLST | a.a.   |  |
|              | Tr  | LS   | a.a.   |  |
|              |     |      |  |  |
| 3768         | 100 | CLST | a.a.   |  |
|              | Tr  | LS   | a.a.   |  |
| 3771         |     |      | Lost sample  |  |
|              |     |      |  |  |
|              |     |      |  |  |
| 3774         | 100 | CLST | Dk gry-olv gry-brnsh gry, blk, frm-mod hd, carb, gen calc, micromic, micropyr, i.p.slty, occ grad Slst, loc v f sdy, Tr Pyr nods, abd r Glauc. |  |
|              | Tr  | LS   | Wh-off wh, grysh wh, m lt gry, frm-mod hd, microxln, blk, loc arg.   |  |
|              |     |      |  |  |
| 3777         | 100 | CLST | a.a.   |  |
|              | Tr  | LS   | Off wh-lt gry, occ grnsh gry, frm-mod hd, blk, loc v arg, occ grad Mrl.  |  |
|              |     |      |  |  |
| 3780         | 100 | CLST | a.a.   |  |
|              | Tr  | LS   | a.a.   |  |
|              |     |      |  |  |
| 3783         | 100 | CLST | a.a.   |  |
|              | Tr  | LS   | a.a.   |  |
|              |     |      |  |  |
| 3786         | 100 | CLST | a.a.   |  |
|              | Tr  | LS   | a.a.   |  |
|              |     |      |  |  |
| 3790<br>(BU) | 100 | CLST | a.a.   |  |
|              | Tr  | LS   | a.a.   |  |
|              |     |      |  |  |
| 3792         | 100 | CLST | a.a.   |  |
|              | Tr  | LS   | a.a.   |  |
|              |     |      |  |  |
| 3795         | 100 | CLST | a.a.   |  |
|              | Tr  | LS   | a.a.   |  |
|              |     |      |  |  |

## WELLSITE SAMPLE DESCRIPTION

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|                        |  |                 |
|------------------------|--|-----------------|
| Country: Norway        | Area: North Sea                                  | Field: Dagny    |
| Well no: 15/5-7        | Company: StatoilHydro                            |                 |
| RKB: 26 meters         | Geologists: R.Gower, P Richardson, C. Greene etc |                 |
| Hole size: entire well | Cut solvent: Iso-Propyl Alcohol                  | Date: July 2008 |

| Depth<br>(m RKB) | Lithology<br>(%) | Lithological Description<br>Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation,<br>hardness, sed.structures, accessories, fossils, porosity, contamination | Remarks<br>Shows, cavings, mud<br>additives, etc. |
|------------------|------------------|--|---|
|------------------|------------------|--|---|

|      |     |       |   |  |
|------|-----|-------|---|--|
| 3798 | 100 | CLST  | Varic, dk gry-olv gry-brnsh gry, blk, frm-mod hd, carb, gen calc, micromic, micropyr, i.p.slt, occ grad Sltst, loc v f sdy, Tr Pyr nods, abd r Glauc.           |  |
|      | Tr  | LS    | Wh-off wh, grysh wh, m lt gry, frm-mod hd, microxln, blk, loc arg.  |  |
| 3801 | 100 | CLST  | a.a.  |  |
|      | Tr  | LS    | a.a.  |  |
| 3804 | 100 | CLST  | a.a.  |  |
| 3807 | 100 | CLST  | M dk gry-dk gry, brnsh gry-brnsh blk, blk, frm-mod hd, carb, calc, micromic, micropyr, v slty, incr v f sdy, Tr Pyr, Tr Glauc.                                  |  |
| 3810 | 100 | CLST  | a.a.  |  |
| 3813 | 100 | CLST  | Pred brnsh gry-brnsh blk, incr slty & v f sdy, else a.a.  |  |
| 3816 | 90  | CLST  | a.a.  |  |
|      | 10  | SLTST | M gry-m dk gry-olv gry, frm-mod hd, i.p. v f sdy, slily calc cmt, arg, carb, v abd glauc, micromic  |  |
|      | Tr  | LS    | Off wh-lt gry, grnsh gry, v arg, grad Mrl, occ v f sdy.   |  |
| 3819 | 90  | CLST  | a.a.  |  |
|      | 10  | SLTST | M gry-m dk gry-olv gry, frm-mod hd, i.p. v f sdy, slily calc cmt, arg, carb, v abd glauc, micromic.   |  |
| 3822 | 20  | CLST  | Pred. brnsh gry-brnsh blk, m dk gry-dk gry, , blk, frm-mod hd, carb, calc, micromic, micropyr, v slty, incr v f sdy, Tr Pyr, Tr Glauc                           |  |
|      | 50  | SST   | Lt gry-m dk gry-olv gry-brnsh gry, clr-mlky Qtz gns, sft-mod hd, vf-f, mod srtd, v slty, abd arg Mtrx, i.p. calc cmt, micromic, micropyr, abd Glauc, pr vis por | Shows: pr O Stn, even mod yel wh dir Fluor, mod blooming yel wh cut, gd mod bl wh Fluor Res        |
|      | 30  | C     | Blk, occ brnsh blk, frm-hd, brit, micropyr, abd pyr nods  | Shows: a.a.  |
| 3825 | 20  | CLST  | a.a.  | Shows: a.a.  |
|      | 70  | SST   | a.a.  |  |
| 3826 | 20  | CLST  | a.a.  | Shows: a.a.  |
| BU   | 80  | SST   | a.a.  |  |
|      |     |       |   | POOH for coring  |
| 3828 | 20  | CLST  | M gry-m dk gry, brnsh gry, mod brn, blk, occ fiss, frm, slily calc, micromic, micropyr, i.p. glauc, slty, Tr Pyr  |  |
|      | 80  | SST   | a.a.  | Shows: no O stn, even mod yel wh dir fluor, slw blmg yel wh cut, fr mod bl wh fluorres, no vis res |
|      |     |       |   |  |
|      |     |       |   |  |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |    |      |   |             |
|------|----|------|---|-------------|
| 3831 | 80 | SST  | V f-f, r m, clr-mky-yelsh wh Qtz gns, pred lse, i.p. calc cmt agg, mod srt, sbang-sbrndd, Tr Mic, Tr Pyr, Tr Glauc. | Shows: a.a. |
|      | 20 | CLST | M gry-m dk gry, brnsh gry, mod brn, blk, occ fiss, frm, slily calc, micromic, micropyr, i.p. glauc, slty, Tr Pyr.   |             |
|      | Tr | LS   | Wh-off wh, grysh wh, m lt gry, frm-mod hd, microxln, blk, loc arg.  |             |
|      |    |      |   |             |
| 3834 | 80 | SST  | a.a.  | Shows: a.a. |
|      | 20 | CLST | a.a.  |             |
|      | Tr | LS   | a.a.  |             |
|      | Tr | C    | a.a.  |             |
|      |    |      |   |             |
| 3837 | 80 | SST  | Pred lse, else a.a.   | Shows: a.a. |
|      | 20 | CLST | a.a.  |             |
|      | Tr |      | a.a.  |             |
|      |    |      |   |             |
| 3840 | 90 | SST  | V f-f, r m, clr-mky-yelsh wh Qtz gns, lse gr, mod srt, sbang-sbrndd, Tr Mic, Tr Pyr, Tr Glauc                       | Shows: a.a. |
|      | 10 | CLST | a.a.  |             |
|      | Tr | LS   | a.a.  |             |
|      |    |      |   |             |
| 3843 | 90 | SST  | a.a.  | Shows: a.a. |
|      | 10 | CLST | M dk gry-grysh blk, brnsh blk, blk-fiss, brit, frm, non calc, micromic, micropyr, v carb, i.p. grad C, Tr Pyr nod   |             |
|      | Tr |      | a.a.  |             |
|      |    |      |   |             |
|      |    |      |   |             |
| 3846 | 90 | SST  | V f-f, r m, clr-mky-yelsh wh Qtz gns, lse gr, mod srt, sbang-sbrndd, Tr Mic, Tr Pyr, Tr Glauc                       | Shows: a.a. |
|      | 10 | CLST | M dk gry-grysh blk, brnsh blk, blk-fiss, brit, frm, non calc, micromic, micropyr, v carb, i.p. grad C, Tr Pyr nod   |             |
|      | Tr | LS   | Wh-off wh, grysh wh, m lt gry, frm-mod hd, microxln, blk, loc arg.  |             |
|      |    |      |   |             |
| 3849 | 90 | SST  | a.a.  | Shows: a.a. |
|      | 10 | CLST | M gry-m dk gry, brnsh gry, mod brn, blk, occ fiss, frm, slily calc, micromic, micropyr, i.p. glauc, slty, Tr Pyr    |             |
|      | Tr | LS   | a.a.  |             |
|      |    |      |   |             |
| 3852 | 90 | SST  | a.a.  | Shows a.a.  |
|      | 10 | CLST | a.a.  |             |
|      | Tr | LS   | a.a.  |             |
|      |    |      |   |             |
| 3855 | 90 | SST  | a.a.  | Shows: a.a. |
|      | 10 | CLST | a.a.  |             |
|      | Tr | LS   | a.a.  |             |
|      |    |      |   |             |
| 3858 | 90 | SST  | a.a.  | Shows: a.a. |
|      | 10 | CLST | a.a.  |             |
|      | Tr | LS   | a.a.  |             |
|      |    |      |   |             |
|      |    |      |   |             |
|      |    |      |   |             |
|      |    |      |   |             |

## WELLSITE SAMPLE DESCRIPTION

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|                        |  |                 |
|------------------------|--|-----------------|
| Country: Norway        | Area: North Sea                                  | Field: Dagny    |
| Well no: 15/5-7        | Company: StatoilHydro                            |                 |
| RKB: 26 meters         | Geologists: R.Gower, P Richardson, C. Greene etc |                 |
| Hole size: entire well | Cut solvent: Iso-Propyl Alcohol                  | Date: July 2008 |

| Depth<br>(m RKB) | Lithology<br>(%) | Lithological Description  |  | Remarks                             |
|------------------|------------------|---|--|-------------------------------------|
|                  |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  | Shows, cavings, mud additives, etc. |

|      |    |      |   |   |
|------|----|------|---|---|
| 3861 | 90 | SST  | V f-f, occ m, clr-mky-yelsh wh Qtz gns, lse gr, mod srt, sbang-sbrndd, Tr Mic, Tr Pyr, Tr Glauc   | Shows: a.a.   |
|      | 10 | CLST | M gry-m dk gry, brnsh gry, mod brn, blk, occ fiss, frm, slily calc, micromic, micropyr, i.p. glauc, slty, Tr Pyr  |   |
|      | Tr | LS   | Wh-off wh, grysh wh, m lt gry, frm-mod hd, microxln, blk, loc arg.  |   |
|      |    |      |   |   |
| 3864 | 90 | SST  | a.a.  | Shows: a.a.   |
|      | 10 | CLST | a.a.  |   |
|      | Tr | LS   | a.a.  |   |
|      |    |      |   |   |
| 3867 | 90 | SST  | a.a.  | Shows: a.a.   |
|      | 10 | CLST | a.a.  |   |
|      | Tr | LS   | a.a.  |   |
|      |    |      |   |   |
| 3870 | 90 | SST  | a.a.  | Shows: a.a.   |
|      | 10 | CLST | a.a.  |   |
|      | Tr | LS   | a.a.  |   |
|      |    |      |   |   |
| 3873 | 90 | SST  | a.a.  | Shows: a.a.   |
|      | 10 | CLST | a.a.  |   |
|      | Tr | LS   | a.a.  |   |
|      |    |      |   |   |
| 3876 | 90 | SST  | a.a.  | Shows: a.a.   |
|      | 10 | CLST | a.a.  |   |
|      | Tr | LS   | a.a.  |   |
|      |    |      |   |   |
|      |    |      |   |   |
| 3879 | 90 | SST  | V f-f, occ m, clr-mky-yelsh wh Qtz gns, lse gr, mod srt, sbang-sbrndd, Tr Mic, Tr Pyr, Tr Glauc   | Shows: a.a.   |
|      | 10 | CLST | M gry-m dk gry, brnsh gry, mod brn, blk, occ fiss, frm, slily calc, micromic, micropyr, i.p. glauc, slty, Tr Pyr  |   |
|      | Tr | LS   | Wh-off wh, grysh wh, m lt gry, frm-mod hd, microxln, blk, loc arg.  |   |
|      |    |      |   |   |
| 3880 | 90 | SST  | a.a.  | Shows: a.a.   |
| B.U. | 10 | CLST | a.a.  |   |
|      | Tr | LS   | a.a.  |   |
|      |    |      |   |   |
|      |    |      | CORE # 2 12-13 <sup>th</sup> August 2008  |   |
|      |    |      |   |   |
| 3882 | 20 | CLST | lt gry-dk gry, rddsh brn gry, tr lt rd brwn, frm-md hd, sbbky-slily splntry, sb elong i.p., micromic, pyritic i.p., occ miclam. Non calc.                       |   |
|      | 80 | SST  | Llt brnsh gry-dk yell brn, vf-f, occ m, r crs, f-occ sl hd, mod-pr srt, sbrndd-sbang, sbsph, slty i.p., Tr Glauc, Tr micromic, pr-slilyl silic cmt, pr-mod por. | Shows: low-md odr, pr-fair lt brn stn, md yel brn dir fluor, slw-mod blm/strm cut, pr-md bl wh fluor res, no vis res. |
|      |    |      |   |   |
| 3885 | 30 | CLST | a.a.  |   |
|      | 70 | SST  | a.a.  |   |
|      |    |      | a.a.  |   |
|      |    |      |   |   |



## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|      |    |      |   |  |
|------|----|------|---|--|
| 3888 | 20 | CLST | lt gry-dk gry, rddsh brn gry, tr lt rd brwn, frm-md hd, sbblky-slily splntry, sb elong i.p., micromic, pyritic i.p., occ miclam. Non calc.                      |  |
|      | 80 | SST  | Llt brnsh gry-dk yell brn, vf-f, occ m, r crs, f-occ sl hd, mod-pr srt, sbrndd-sbang, sbsph, slty i.p., Tr Glauc, Tr micromic, pr-slilyl silic cmt, pr-mod por. |  |
|      | Tr | LS   | Wh-wh gry, sft-frm, mdst, sb blky- amor, mass, microxln, Tr slty i.p.   |  |
|      |    |      |   |  |
| 3891 | 20 | CLST | a.a.  |  |
|      | 70 | SST  | a.a.  |  |
|      | 10 | LS   | a.a.  |  |
|      |    |      |   |  |
| 3894 | 10 | CLST | a.a.  |  |
|      | 80 | SST  | a.a.  | Shows: low-md odr, fair-mod lt brn stn, mod yel org brn dir fluor, slw-md blm/strm cut, md – wk bl wh fluor res, no vis res. |
|      | 10 | LS   | a.a.  |  |
|      |    |      | a.a.  |  |
|      |    |      |   |  |
| 3897 | 10 | CLST | a.a.  |  |
|      | 80 | SST  | a.a.  |  |
|      | 10 | LS   | a.a.  |  |
|      |    |      | a.a.  |  |
|      |    |      |   |  |
| 3900 | 10 | CLST | a.a.  |  |
|      | 90 | SST  | a.a. Bcm vf only, pr - r stain, sbrndd, sbang, wl srt, cln.   |  |
|      | Tr | LS   | a.a.  |  |
|      |    |      |   |  |
|      |    |      |   |  |
| 3903 | 10 | CLST | lt gry-dk gry, rddsh brn gry, tr lt rd brwn, frm-md hd, sbblky-slily splntry, sb elong i.p., micromic, pyritic i.p., occ miclam. Non calc.                      |  |
|      | 80 | SST  | Llt brnsh gry-dk yell brn, vf-f, occ m, r crs, f-occ sl hd, mod-pr srt, sbrndd-sbang, sbsph, slty i.p., Tr Glauc, Tr micromic, pr-slilyl silic cmt, pr-mod por. |  |
|      | 10 | LS   | Wh-wh gry, sft-frm, mdst, sb blky- amor, mass, microxln, Tr slty i.p.   |  |
|      |    |      |   |  |
| 3906 | 10 | C    | Blk – brn blk, hd, brit, blky-sb ang, ea-shny-vit, bitus slily arg, sbconch frac.   |  |
|      | 10 | CLST | a.a.  |  |
|      | 80 | SST  | a.a.  |  |
|      |    |      | a.a.  |  |
|      |    |      |   |  |
| 3909 | 90 | C    | a.a.  |  |
|      | 5  | CLST | a.a.  |  |
|      | 5  | SST  | a.a.  |  |
|      |    |      | a.a.  |  |
|      |    |      |   |  |
| 3912 | 90 | C    | a.a.  |  |
|      | 5  | CLST | a.a.  |  |
|      | 5  | SST  | a.a.  |  |
|      |    |      | a.a.  |  |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                                     |
|------------------------|------------------|---|--|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny                        |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  | Shows, cavings, mud additives, etc. |

|      |    |      |  |   |
|------|----|------|--|---|
| 3915 | 70 | C    | Blk – brn blk, hd, brit, blkly-sb ang, ea-shny-vit, bitus slily arg, sbconch frac.   |   |
|      | 30 | SST  | Lt brnsh gry-dk yell brn, vf-f, occ m, r crs, f-occ sl hd, mod-pr srt, sbrndd-sbang, sbsph, slty i.p., Tr Glauc, Tr micromic, pr-slilyl silic cmt, pr-mod por.       |   |
| 3918 | 60 | C    | a.a.   |   |
|      | 40 | SST  | Lt gry brn-lt brn, trnsi i.p., frm-hd, vf-m, occ crs, md-wl srtd, sb rndd-sb ang, sph-sbsph, micromic, Tr Glauc, tr Mic, pr-mod silic cmt, pr oil stain, pr-mod por. | Shows: low odr, pr-fair brn stn, brn –pr yell brn dir fluor, slw blm/strm cut, md – wk bl wh fluor res, no vis res.                                 |
| 3921 | 40 | C    | a.a.   |   |
|      | 30 | SST  | a.a.   |   |
|      | 30 | CLST | Dk gry-brnsh gry-brnsh blk-mod brn, frm-md hd, sb blkly-blky, mass, non calc.  |   |
| 3924 | 30 | C    | a.a.   |   |
|      | 40 | SST  | a.a.   |   |
|      | 30 | CLST | a.a.   |   |
| 3927 | 20 | C    | Blk – brn blk, hd, brit, blkly-sb ang, ea-shny-vit, bitus slily arg, sbconch frac.   |   |
|      | 50 | SST  | Lt gry brn-lt brn, trnsi i.p., frm-hd, vf-m, occ crs, md-wl srtd, sb rndd-sb ang, sph-sbsph, micromic, Tr Glauc, tr Mic, pr-mod silic cmt, pr oil stain, pr-mod por. | Shows: low-no odr, pr-pch brn stn, wk yel brn dir fluor, pr- slw blm/strm cut, wk bl wh fluor res, no vis res.                                      |
|      | 30 | CLST | Dk gry-brnsh gry-brnsh blk-mod brn, frm-md hd, sb blkly-blky, mass, non calc.  |   |
| 3930 | 20 | CLST | Dk gr-brnsh gry-brnsh blk, frm-mod hd, blkly-fiss, micromic, occ v carb, non calc, Tr Pyr  | Shows: no petr odr, pr spty lt brn O stn, pr spty fnt yel dir Fluor, slw blmg dull bl-wh Fluor cut, no vis cut, pr dull bl-wh Fluor Res, no vis res |
|      | 80 | SST  | Lt gry-pl yelsh brn, vf-m, pred f, r crs, pr srtd, pred lse, i.p calc cmt agg, trnsi-mky Qtz, sbang-sbrndd, Tr Mic, Tr Pyr   |   |
|      | Tr | C    | a.a.   |   |
| 3933 | 20 | CLST | a.a.   | Shows: a.a.   |
|      | 80 | SST  | a.a.   |   |
|      | Tr | C    | a.a.   |   |
| 3936 | 20 | CLST | a.a.   | Shows: a.a.   |
|      | 80 | SST  | a.a.   |   |
|      | Tr | C    | a.a.   |   |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                 |                                     |
|------------------------|------------------|---|--|-----------------|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny    |                                     |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                 |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                 |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008 |                                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  |                 | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  |                 | Shows, cavings, mud additives, etc. |

|           |    |       |   |  |
|-----------|----|-------|---|--|
| 3937,7    | 20 | CLST  | Dk gr-brnsh gry-brnsh blk, frm-mod hd, blkly-fiss, micromic, occ v carb, non calc, Tr Pyr   | Shows: a.a.  |
|           | 80 | SST   | Lt gry-pl yelsh brn, vf-m, pred f, r crs, pr srted, pred lse, i.p calc cmt agg, trns-lmky Qtz, sbang-sbrndd, Tr Mic, Tr Pyr                         |  |
|           | Tr | C     | Blk – brn blk, hd, brit, blkly-sb ang, ea-shny-vit, bitus slily arg, sbconch frac.  |  |
|           |    |       |   |  |
| 3945      | 10 | SST   | Rd brn-brn, frm, splin-blky, mass, tr vf Sd i.p.  |  |
|           | 20 | CLST  | Lt gry-gry-blk gry, frm-sl hd, sb blkly-blky, occ ang, occ lam, coaly i.p., grad - pr C i.p.  |  |
|           | 70 | SST   | Clr-mlky wht-lt gry-lt brn-brn, f-m gr occ crs, frm, occ hd, sbrndd, sbsph, mod srt, pr-md slily-calc cmt, Tr arg.                                  | Shows: pr spty lt brn stn, pr-fnt dull brn df, pr slw blm/stm dull blu wh fluor cut, no vis cut, dull bl wh res, no vis cut. |
|           |    |       |   |  |
| 3954      | 20 | SST   | a.a.  | Shows a.a.   |
|           | 60 | CLST  | a.a. Blk gry, coaly grad to pr-mod C i.p.   |  |
|           | 20 | SLTST | Lt yel brn-lt brnsh gry, frm, sb blkly, occ sb splntry, amor, vf sd gr, non calc, grdg to CLST i.p.   |  |
|           |    |       |   |  |
| 3957-3960 |    |       | Lost samples  |  |
|           |    |       |   |  |
| 3963      | 30 | SST   | a.a.  | Shows a.a.   |
|           | 30 | CLST  | a.a.  |  |
|           | 40 | SLTST | a.a.  |  |
|           |    |       |   |  |
|           |    |       |   |  |
| 3966-3972 |    |       | Lost samples  |  |
|           |    |       |   |  |
| 3975      | 70 | CLST  | Brnsh gry-brnsh blk, occ blk, pred brnsh blk, frm-mod hd, blkly-sbfiss, non calc, abt micromic, micropyr, v abd Carb Mat, i.p grad ea C             | Shows: a.a.  |
|           | 30 | SST   | Lt brnsh gry-pl yelsh brn, clr-transl Qtz, , f-m, pred lse, i.p frm, calc cmt, sb rndd-sb sph, md srt, pr-md sil-calc cmt, Tr arg, Tr Glauc, Tr Mic |  |
|           | Tr | C     | Blk – brn blk, hd, brtl, blkly-sb ang, erthy-shny-vit, bitus slily arg, sb conc frac  |  |
| 3978-3984 |    |       | Lost samples  |  |
|           |    |       |   |  |
| 3987      | 80 | CLST  | a.a.  | Shows: a.a.  |
|           | 20 | SST   | a.a.  |  |
|           | Tr | C     | a.a.  |  |
|           |    |       |   |  |
| 3990-3993 |    |       | Lost samples  |  |
| 3996      | 80 | CLST  | a.a.  | Shows: a.a.  |
|           | 20 | SST   | a.a.  |  |
|           | Tr | C     | a.a.  |  |
|           |    |       |   |  |
| 3999      |    |       | Lost sample   |  |

## WELLSITE SAMPLE DESCRIPTION

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|                        |                  |   |  |                                     |
|------------------------|------------------|---|--|-------------------------------------|
| Country: Norway        |                  | Area: North Sea   |  | Field: Dagny                        |
| Well no: 15/5-7        |                  | Company: StatoilHydro   |  |                                     |
| RKB: 26 meters         |                  | Geologists: R.Gower, P Richardson, C. Greene etc  |  |                                     |
| Hole size: entire well |                  | Cut solvent: Iso-Propyl Alcohol   |  | Date: July 2008                     |
| Depth<br>(m RKB)       | Lithology<br>(%) | Lithological Description  |  | Remarks                             |
|                        |                  | Rock name, mod.lith, colour, grain size, sorting, roundness, matrix, cementation, hardness, sed.structures, accessories, fossils, porosity, contamination |  | Shows, cavings, mud additives, etc. |

|  |    |       |   |             |
|--|----|-------|---|-------------|
| 4002   | 80 | CLST  | Brnsh gry-brnsh blk, occ blk, pred brnsh blk, frm-mod hd, blkly-sbfiss, non calc, abt micromic, micropyr, v abd Carb Mat, i.p grad ea C             | Shows: a.a. |
|  | 20 | SST   | Lt brnsh gry-pl yelsh brn, clr-transl Qtz, , f-m, pred lse, i.p frm, calc cmt, sb rndd-sb sph, md srt, pr-md sil-calc cmt, Tr arg, Tr Glauc, Tr Mic |             |
| 4005   | 60 | CLST  | a.a.  | Shows: a.a. |
|  | 40 | SST   | a.a.  |             |
| Drilled to 4016m, where a 60 bar pressure drop in drillstring made it necessary to POOH without circulating further. Hence, no cuttings descriptions below 4005m |    |       |   |             |
| 4017   | 40 | CLST  | Lt brnsh gry-brnsh gry, frm-md hd, blkly, non calc, micromic, micropyr.   |             |
|  | 60 | SST   | V lt gry, vf-m gr, occ crs, clr transl Qtz, frm-fri, sbang-sbrndd, sbblkly, mod srt, pr calc-clay (Kaol) cmt, Tr Pyr.                               |             |
| 4020   | 60 | CLST  | Pred pa brn, lt brnsh gry, slily md brn, sft-frm, blkly, occ slty, vf sdy, grad SLTST i.p., Tr carb mat, slily calc i.p. grad to mrl.               |             |
|  | 30 | SST   | Wh-v lt gry, vf-m gs, frm-fri, pred lse, sbang - sbrndd, mod srt, i.p. agg w/ slily calc cmt & v abd Clay (Kaol) Mtrx.                              |             |
|  | 10 | MRL   | Wh-lt gry-pa brn, sft-frm, amor, v slty, vf sdy, grad calc SST i.p., Tr carb, Tr pyr.   |             |
| 4023   | 40 | CLST  | a.a.  |             |
|  | 60 | SST   | a.a.  |             |
| 4026   | 50 | SLTST | Lt gry brn-lt brn, occ pa rd brn, frm-occ fiss, vf-slt gs, sbblkly, sbang, Tr carb Mat.   |             |
|  | 40 | SST   | a.a.  |             |
|  | 10 | CLST  | a.a. Blk brn, coaly i.p.  |             |
| 4029   | 70 | SST   | Lt gry wh-lt wh brn, vf-f gs, frm-fri, sbang-sbrndd, sb blkly, md-wl srtd, pr arg-cly (Kaol) cmt, Tr Pyr, Tr arg.                                   |             |
|  | 20 | SLTST | Lt gry brn-lt rd brn, frm-sl hd, fiss i.p., vf-slt gs, sb ag-sb blkly, grad CLST i.p., tr-abd arg.  |             |
|  | 10 | CLST  | Dk gry-blk gry, lt gry-gry, slily hd-hd, blkly, coaly i.p., Tr carb.  |             |
| 4032   | 50 | SST   | a.a.  |             |
|  | 40 | SLTST | a.a.  |             |
|  | 10 | CLST  | a.a. Blk brn, coaly i.p., dom lt gry-gry.   |             |
| 4035   | 70 | SST   | a.a.  |             |
|  | 10 | SLTST | a.a.  |             |
|  | 20 | CLST  | a.a.  |             |
| 4037 TD  | 70 | SST   | a.a.  |             |
|  | 30 | CLST  | a.a. Lt gry, arg-slty i.p.  |             |