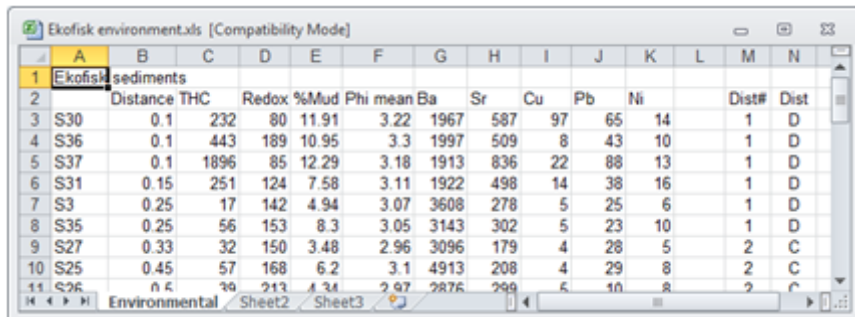


(Ekofisk abiotic data)

For the 39 sites around the Ekofisk oil-field, environmental data is available on concentrations of total hydrocarbons and metals such as Barium, Strontium, Copper in the sediments, and measures of physical sediment properties, such as % mud; also the distance from the oilfield centre is another variable in this array. These are in the Excel file [Ekofisk environmental.xls](#):



| | A | B | C | D | E | F | G | H | I | J | K | L | M | N |
|----|---------|-----------|------|-------|-------|----------|------|-----|----|----|----|---|-------|------|
| 1 | Ekofisk | sediments | | | | | | | | | | | | |
| 2 | | Distance | THC | Redox | %Mud | Phi mean | Ba | Sr | Cu | Pb | Ni | | Dist# | Dist |
| 3 | S30 | 0.1 | 232 | 80 | 11.91 | 3.22 | 1967 | 587 | 97 | 65 | 14 | | 1 | D |
| 4 | S36 | 0.1 | 443 | 189 | 10.95 | 3.3 | 1997 | 509 | 8 | 43 | 10 | | 1 | D |
| 5 | S37 | 0.1 | 1896 | 85 | 12.29 | 3.18 | 1913 | 836 | 22 | 88 | 13 | | 1 | D |
| 6 | S31 | 0.15 | 251 | 124 | 7.58 | 3.11 | 1922 | 498 | 14 | 38 | 16 | | 1 | D |
| 7 | S3 | 0.25 | 17 | 142 | 4.94 | 3.07 | 3608 | 278 | 5 | 25 | 6 | | 1 | D |
| 8 | S35 | 0.25 | 56 | 153 | 8.3 | 3.05 | 3143 | 302 | 5 | 23 | 10 | | 1 | D |
| 9 | S27 | 0.33 | 32 | 150 | 3.48 | 2.96 | 3096 | 179 | 4 | 28 | 5 | | 2 | C |
| 10 | S25 | 0.45 | 57 | 168 | 6.2 | 3.1 | 4913 | 208 | 4 | 29 | 8 | | 2 | C |
| 11 | S26 | 0.4 | 76 | 213 | 4.34 | 2.97 | 2876 | 299 | 6 | 10 | 8 | | 2 | C |

Note that there is only one sheet defined in this case ('Environmental'), it is in the form samples \times variables with the same (unique) labels for the sites as in the assemblage data, which can be of any length and consist of a mix of numbers, letters and spaces (as can the title be, if present), but data entries must always be strictly numeric (e.g. '<' signs are not permitted).

Revision #4

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