

Well: **ARNAK K-06** UWI: 300K066950133450

RockEval/TOC report, Organic Geochemistry Laboratory, Geological Survey of Canada - Calgary  
Database Reference: Rock-Eval Data for Canadian Borehole Cuttings, Core and Outcrop Samples  
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| DEPTH(m) | TOC  | PI   | S1+S2 | TMAX | S1   | S2   | S3   | HI  | OI  |
|----------|------|------|-------|------|------|------|------|-----|-----|
| 40       | 0.20 | 0.47 | 0.15  | 432  | 0.07 | 0.08 | 0.23 | 40  | 115 |
| 50       | 0.09 | 0.00 | 0.04  | 355  | 0.00 | 0.04 | 0.25 | 44  | 278 |
| 60       | 0.15 | 0.00 | 0.10  | 345  | 0.00 | 0.10 | 0.31 | 67  | 207 |
| 70       | 0.10 | 0.00 | 0.01  | 0    | 0.00 | 0.01 | 0.18 | 10  | 180 |
| 80       | 0.08 | 0.00 | 0.01  | 0    | 0.00 | 0.01 | 0.23 | 13  | 288 |
| 90       | 0.13 | 0.00 | 0.01  | 0    | 0.00 | 0.01 | 0.26 | 8   | 200 |
| 100      | 0.20 | 0.33 | 0.03  | 308  | 0.01 | 0.02 | 0.38 | 10  | 190 |
| 110      | 0.28 | 0.00 | 0.04  | 334  | 0.00 | 0.04 | 0.39 | 14  | 139 |
| 120      | 1.23 | 0.10 | 0.48  | 432  | 0.05 | 0.43 | 0.83 | 35  | 67  |
| 130      | 4.51 | 0.40 | 7.08  | 420  | 2.84 | 4.24 | 2.17 | 94  | 48  |
| 140      | 5.81 | 0.43 | 14.47 | 419  | 6.15 | 8.32 | 3.14 | 143 | 54  |
| 150      | 6.11 | 0.40 | 11.74 | 416  | 4.75 | 6.99 | 2.60 | 114 | 43  |
| 160      | 1.88 | 0.25 | 2.22  | 431  | 0.56 | 1.66 | 1.54 | 88  | 82  |
| 170      | 0.32 | 0.06 | 0.16  | 438  | 0.01 | 0.15 | 0.45 | 47  | 141 |
| 180      | 0.11 | 0.00 | 0.06  | 437  | 0.00 | 0.06 | 0.40 | 55  | 364 |
| 190      | 0.24 | 0.08 | 0.12  | 434  | 0.01 | 0.11 | 0.41 | 46  | 171 |
| 200      | 0.89 | 0.15 | 0.72  | 430  | 0.11 | 0.61 | 1.05 | 69  | 118 |
| 210      | 0.90 | 0.13 | 0.63  | 432  | 0.08 | 0.55 | 1.10 | 61  | 122 |
| 220      | 1.13 | 0.16 | 0.93  | 431  | 0.15 | 0.78 | 1.20 | 69  | 106 |
| 230      | 0.17 | 0.00 | 0.08  | 432  | 0.00 | 0.08 | 0.45 | 47  | 265 |
| 240      | 0.37 | 0.06 | 0.16  | 429  | 0.01 | 0.15 | 0.42 | 41  | 114 |
| 250      | 0.11 | 0.00 | 0.01  | 338  | 0.00 | 0.01 | 0.23 | 9   | 209 |
| 260      | 0.40 | 0.13 | 0.15  | 427  | 0.02 | 0.13 | 0.42 | 33  | 105 |
| 270      | 0.77 | 0.14 | 0.50  | 431  | 0.07 | 0.43 | 0.63 | 56  | 82  |
| 280      | 0.54 | 0.04 | 0.53  | 439  | 0.02 | 0.51 | 0.52 | 94  | 96  |
| 290      | 0.43 | 0.02 | 0.48  | 439  | 0.01 | 0.47 | 0.70 | 109 | 163 |
| 300      | 0.33 | 0.00 | 0.32  | 437  | 0.00 | 0.32 | 0.14 | 97  | 42  |
| 310      | 0.15 | 0.00 | 0.05  | 436  | 0.00 | 0.05 | 0.15 | 33  | 100 |
| 320      | 0.09 | 0.00 | 0.01  | 0    | 0.00 | 0.01 | 0.12 | 11  | 133 |
| 330      | 0.09 | 0.00 | 0.01  | 0    | 0.00 | 0.01 | 0.20 | 11  | 222 |
| 340      | 0.17 | 0.00 | 0.01  | 0    | 0.00 | 0.01 | 0.06 | 6   | 35  |
| 350      | 0.21 | 0.00 | 0.06  | 418  | 0.00 | 0.06 | 0.17 | 29  | 81  |
| 350      | 0.24 | 0.00 | 0.01  | 0    | 0.00 | 0.01 | 0.03 | 4   | 13  |
| 360      | 0.26 | 0.00 | 0.01  | 0    | 0.00 | 0.01 | 0.13 | 4   | 50  |
| 370      | 0.16 | 0.00 | 0.01  | 0    | 0.00 | 0.01 | 0.20 | 6   | 125 |
| 380      | 0.19 | 0.11 | 0.09  | 438  | 0.01 | 0.08 | 0.40 | 42  | 211 |
| 380      | 0.18 | 0.00 | 0.02  | 0    | 0.00 | 0.02 | 0.28 | 11  | 156 |
| 390      | 0.19 | 0.14 | 0.07  | 388  | 0.01 | 0.06 | 0.18 | 32  | 95  |
| 390      | 0.23 | 0.00 | 0.06  | 437  | 0.00 | 0.06 | 0.22 | 26  | 96  |
| 400      | 0.19 | 0.00 | 0.07  | 442  | 0.00 | 0.07 | 0.28 | 37  | 147 |
| 400      | 0.19 | 0.00 | 0.04  | 371  | 0.00 | 0.04 | 0.04 | 21  | 21  |
| 410      | 0.30 | 0.00 | 0.04  | 329  | 0.00 | 0.04 | 0.22 | 13  | 73  |
| 420      | 0.13 | 0.00 | 0.01  | 0    | 0.00 | 0.01 | 0.11 | 8   | 85  |
| 430      | 0.29 | 0.00 | 0.02  | 0    | 0.00 | 0.02 | 0.26 | 7   | 90  |
| 440      | 0.11 | 0.00 | 0.01  | 327  | 0.00 | 0.01 | 0.09 | 9   | 82  |
| 450      | 0.07 | 0.00 | 0.01  | 0    | 0.00 | 0.01 | 0.13 | 14  | 186 |
| 460      | 0.36 | 0.00 | 0.09  | 432  | 0.00 | 0.09 | 0.21 | 25  | 58  |

|     |      |      |      |     |      |      |      |     |     |
|-----|------|------|------|-----|------|------|------|-----|-----|
| 470 | 0.09 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.28 | 11  | 311 |
| 480 | 0.22 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.19 | 5   | 86  |
| 490 | 0.19 | 0.00 | 0.02 | 0   | 0.00 | 0.02 | 0.19 | 11  | 100 |
| 500 | 0.14 | 0.00 | 0.03 | 316 | 0.00 | 0.03 | 0.34 | 21  | 243 |
| 510 | 0.21 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.26 | 5   | 124 |
| 520 | 0.22 | 0.00 | 0.06 | 423 | 0.00 | 0.06 | 0.38 | 27  | 173 |
| 520 | 0.23 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.19 | 4   | 83  |
| 530 | 0.29 | 0.06 | 0.16 | 430 | 0.01 | 0.15 | 0.55 | 52  | 190 |
| 530 | 0.28 | 0.00 | 0.04 | 428 | 0.00 | 0.04 | 0.27 | 14  | 96  |
| 540 | 0.14 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.22 | 7   | 157 |
| 550 | 0.10 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.23 | 10  | 230 |
| 560 | 0.13 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.17 | 8   | 131 |
| 570 | 0.22 | 0.00 | 0.03 | 346 | 0.00 | 0.03 | 0.31 | 14  | 141 |
| 570 | 0.23 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.15 | 4   | 65  |
| 580 | 0.17 | 0.00 | 0.05 | 404 | 0.00 | 0.05 | 0.44 | 29  | 259 |
| 590 | 0.12 | 0.00 | 0.03 | 426 | 0.00 | 0.03 | 0.33 | 25  | 275 |
| 600 | 0.17 | 0.00 | 0.05 | 364 | 0.00 | 0.05 | 0.39 | 29  | 229 |
| 610 | 0.16 | 0.00 | 0.05 | 342 | 0.00 | 0.05 | 0.27 | 31  | 169 |
| 620 | 0.11 | 0.00 | 0.03 | 304 | 0.00 | 0.03 | 0.51 | 27  | 464 |
| 630 | 0.16 | 0.00 | 0.04 | 359 | 0.00 | 0.04 | 0.43 | 25  | 269 |
| 640 | 0.38 | 0.00 | 0.13 | 440 | 0.00 | 0.13 | 0.76 | 34  | 200 |
| 650 | 0.38 | 0.00 | 0.10 | 436 | 0.00 | 0.10 | 0.60 | 26  | 158 |
| 660 | 0.18 | 0.00 | 0.05 | 378 | 0.00 | 0.05 | 0.47 | 28  | 261 |
| 670 | 0.36 | 0.04 | 0.23 | 431 | 0.01 | 0.22 | 0.58 | 61  | 161 |
| 680 | 0.31 | 0.00 | 0.12 | 408 | 0.00 | 0.12 | 0.46 | 39  | 148 |
| 690 | 0.20 | 0.00 | 0.02 | 304 | 0.00 | 0.02 | 0.40 | 10  | 200 |
| 700 | 0.15 | 0.00 | 0.03 | 363 | 0.00 | 0.03 | 0.32 | 20  | 213 |
| 710 | 0.38 | 0.05 | 0.21 | 432 | 0.01 | 0.20 | 1.22 | 53  | 321 |
| 720 | 1.29 | 0.17 | 0.81 | 418 | 0.14 | 0.67 | 1.29 | 52  | 100 |
| 730 | 0.61 | 0.06 | 0.33 | 434 | 0.02 | 0.31 | 1.55 | 51  | 254 |
| 740 | 0.47 | 0.10 | 0.51 | 439 | 0.05 | 0.46 | 0.57 | 98  | 121 |
| 750 | 0.62 | 0.10 | 0.51 | 428 | 0.05 | 0.46 | 0.88 | 74  | 142 |
| 760 | 0.42 | 0.09 | 0.11 | 386 | 0.01 | 0.10 | 0.70 | 24  | 167 |
| 770 | 0.24 | 0.00 | 0.06 | 347 | 0.00 | 0.06 | 0.88 | 25  | 367 |
| 780 | 0.14 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.26 | 7   | 186 |
| 780 | 0.17 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.30 | 6   | 176 |
| 790 | 0.23 | 0.00 | 0.11 | 361 | 0.00 | 0.11 | 0.57 | 48  | 248 |
| 800 | 0.18 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.20 | 6   | 111 |
| 800 | 0.19 | 1.00 | 0.01 | 0   | 0.01 | 0.00 | 0.10 | 0   | 53  |
| 810 | 0.39 | 0.15 | 0.20 | 433 | 0.03 | 0.17 | 0.45 | 44  | 115 |
| 820 | 5.10 | 0.10 | 1.33 | 402 | 0.13 | 1.20 | 1.82 | 24  | 36  |
| 830 | 0.41 | 0.00 | 0.10 | 507 | 0.00 | 0.10 | 0.63 | 24  | 154 |
| 840 | 0.09 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.18 | 11  | 200 |
| 840 | 0.09 | 0.00 | 0.02 | 369 | 0.00 | 0.02 | 0.17 | 22  | 189 |
| 850 | 0.39 | 1.00 | 0.01 | 0   | 0.01 | 0.00 | 0.41 | 0   | 105 |
| 860 | 0.07 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.30 | 14  | 429 |
| 870 | 0.11 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.28 | 9   | 255 |
| 880 | 0.09 | 0.00 | 0.01 | 0   | 0.00 | 0.01 | 0.35 | 11  | 389 |
| 890 | 0.23 | 0.00 | 0.04 | 304 | 0.00 | 0.04 | 0.37 | 17  | 161 |
| 900 | 1.26 | 0.11 | 2.14 | 438 | 0.23 | 1.91 | 1.17 | 152 | 93  |
| 910 | 1.25 | 0.11 | 1.54 | 438 | 0.17 | 1.37 | 1.07 | 110 | 86  |
| 920 | 1.14 | 0.18 | 0.57 | 415 | 0.10 | 0.47 | 0.94 | 41  | 82  |
| 930 | 0.78 | 0.15 | 0.47 | 423 | 0.07 | 0.40 | 0.71 | 51  | 91  |
| 940 | 1.79 | 0.16 | 1.25 | 431 | 0.20 | 1.05 | 1.11 | 59  | 62  |
| 950 | 1.36 | 0.16 | 0.80 | 426 | 0.13 | 0.67 | 0.72 | 49  | 53  |

|      |      |      |       |     |      |       |      |     |     |
|------|------|------|-------|-----|------|-------|------|-----|-----|
| 950  | 1.22 | 0.15 | 0.82  | 425 | 0.12 | 0.70  | 0.81 | 57  | 66  |
| 960  | 1.23 | 0.13 | 0.48  | 421 | 0.06 | 0.42  | 0.63 | 34  | 51  |
| 960  | 1.21 | 0.12 | 0.59  | 420 | 0.07 | 0.52  | 0.71 | 43  | 59  |
| 970  | 1.91 | 0.13 | 1.19  | 424 | 0.16 | 1.03  | 0.93 | 54  | 49  |
| 980  | 3.32 | 0.13 | 4.04  | 425 | 0.52 | 3.52  | 1.27 | 106 | 38  |
| 990  | 3.86 | 0.18 | 6.61  | 397 | 1.19 | 5.42  | 1.78 | 140 | 46  |
| 1000 | 2.91 | 0.16 | 3.32  | 421 | 0.53 | 2.79  | 1.27 | 96  | 44  |
| 1010 | 2.79 | 0.17 | 2.35  | 425 | 0.41 | 1.94  | 1.17 | 70  | 42  |
| 1020 | 2.41 | 0.12 | 3.73  | 422 | 0.44 | 3.29  | 0.78 | 137 | 32  |
| 1030 | 0.39 | 0.14 | 0.14  | 430 | 0.02 | 0.12  | 0.48 | 31  | 123 |
| 1040 | 0.71 | 0.14 | 0.43  | 421 | 0.06 | 0.37  | 0.53 | 52  | 75  |
| 1050 | 2.24 | 0.17 | 1.63  | 419 | 0.28 | 1.35  | 0.82 | 60  | 37  |
| 1060 | 3.42 | 0.14 | 5.49  | 409 | 0.79 | 4.70  | 1.39 | 137 | 41  |
| 1060 | 3.33 | 0.13 | 5.76  | 411 | 0.74 | 5.02  | 2.00 | 151 | 60  |
| 1070 | 1.16 | 0.12 | 0.81  | 427 | 0.10 | 0.71  | 0.72 | 61  | 62  |
| 1080 | 2.09 | 0.19 | 1.14  | 427 | 0.22 | 0.92  | 0.82 | 44  | 39  |
| 1090 | 2.86 | 0.16 | 2.84  | 415 | 0.46 | 2.38  | 1.27 | 83  | 44  |
| 1100 | 3.08 | 0.13 | 1.59  | 418 | 0.21 | 1.38  | 0.85 | 45  | 28  |
| 1110 | 4.05 | 0.24 | 4.70  | 410 | 1.13 | 3.57  | 1.48 | 88  | 37  |
| 1120 | 5.10 | 0.17 | 13.60 | 388 | 2.37 | 11.23 | 2.46 | 220 | 48  |
| 1130 | 5.40 | 0.16 | 10.05 | 415 | 1.57 | 8.48  | 1.99 | 157 | 37  |
| 1140 | 2.77 | 0.19 | 2.82  | 424 | 0.53 | 2.29  | 0.97 | 83  | 35  |
| 1150 | 1.81 | 0.22 | 1.83  | 408 | 0.41 | 1.42  | 1.03 | 78  | 57  |
| 1160 | 1.87 | 0.17 | 1.44  | 411 | 0.24 | 1.20  | 0.59 | 64  | 32  |
| 1170 | 4.15 | 0.06 | 4.61  | 427 | 0.29 | 4.32  | 1.07 | 104 | 26  |
| 1180 | 4.83 | 0.09 | 6.80  | 412 | 0.63 | 6.17  | 1.42 | 128 | 29  |
| 1190 | 3.65 | 0.13 | 5.90  | 398 | 0.75 | 5.15  | 1.16 | 141 | 32  |
| 1200 | 3.11 | 0.07 | 2.65  | 418 | 0.19 | 2.46  | 1.02 | 79  | 33  |
| 1210 | 4.70 | 0.07 | 5.56  | 421 | 0.40 | 5.16  | 1.31 | 110 | 28  |
| 1220 | 4.54 | 0.08 | 7.54  | 420 | 0.57 | 6.97  | 1.60 | 154 | 35  |
| 1230 | 4.20 | 0.16 | 16.01 | 417 | 2.64 | 13.37 | 1.46 | 318 | 35  |
| 1240 | 6.23 | 0.14 | 17.32 | 419 | 2.36 | 14.96 | 1.69 | 240 | 27  |
| 1250 | 4.54 | 0.13 | 5.33  | 411 | 0.67 | 4.66  | 1.28 | 103 | 28  |
| 1260 | 2.08 | 0.11 | 0.64  | 425 | 0.07 | 0.57  | 0.82 | 27  | 39  |
| 1270 | 3.10 | 0.08 | 2.08  | 427 | 0.17 | 1.91  | 1.05 | 62  | 34  |
| 1280 | 4.00 | 0.07 | 3.59  | 423 | 0.26 | 3.33  | 1.29 | 83  | 32  |
| 1290 | 4.08 | 0.08 | 2.50  | 421 | 0.19 | 2.31  | 1.10 | 57  | 27  |
| 1300 | 4.33 | 0.07 | 4.28  | 418 | 0.31 | 3.97  | 1.50 | 92  | 35  |
| 1310 | 2.89 | 0.06 | 2.89  | 423 | 0.16 | 2.73  | 1.31 | 94  | 45  |
| 1320 | 3.29 | 0.06 | 1.61  | 421 | 0.10 | 1.51  | 1.06 | 46  | 32  |
| 1330 | 3.85 | 0.07 | 4.74  | 386 | 0.34 | 4.40  | 1.11 | 114 | 29  |
| 1340 | 3.86 | 0.05 | 3.25  | 419 | 0.17 | 3.08  | 1.17 | 80  | 30  |
| 1350 | 3.41 | 0.10 | 2.55  | 425 | 0.26 | 2.29  | 0.85 | 67  | 25  |
| 1360 | 5.17 | 0.16 | 6.10  | 412 | 0.98 | 5.12  | 1.34 | 99  | 26  |
| 1370 | 2.76 | 0.11 | 1.70  | 414 | 0.19 | 1.51  | 1.05 | 55  | 38  |
| 1370 | 2.93 | 0.07 | 1.50  | 422 | 0.10 | 1.40  | 0.86 | 48  | 29  |
| 1380 | 7.15 | 0.14 | 23.29 | 383 | 3.22 | 20.07 | 2.17 | 281 | 30  |
| 1390 | 6.24 | 0.09 | 13.28 | 385 | 1.17 | 12.11 | 1.99 | 194 | 32  |
| 1400 | 5.30 | 0.06 | 6.05  | 417 | 0.39 | 5.66  | 1.56 | 107 | 29  |
| 1410 | 4.57 | 0.05 | 3.42  | 416 | 0.16 | 3.26  | 0.89 | 71  | 19  |
| 1420 | 3.18 | 0.06 | 3.00  | 424 | 0.18 | 2.82  | 1.40 | 89  | 44  |
| 1430 | 4.28 | 0.04 | 2.98  | 388 | 0.12 | 2.86  | 1.06 | 67  | 25  |
| 1440 | 4.60 | 0.04 | 3.70  | 421 | 0.16 | 3.54  | 1.19 | 77  | 26  |
| 1450 | 2.35 | 0.03 | 0.87  | 422 | 0.03 | 0.84  | 0.93 | 36  | 40  |
| 1460 | 1.15 | 0.00 | 0.28  | 441 | 0.00 | 0.28  | 0.58 | 24  | 50  |

|      |      |      |       |     |      |       |      |     |     |
|------|------|------|-------|-----|------|-------|------|-----|-----|
| 1470 | 2.91 | 0.06 | 1.08  | 425 | 0.07 | 1.01  | 1.04 | 35  | 36  |
| 1480 | 3.62 | 0.06 | 2.49  | 424 | 0.14 | 2.35  | 1.14 | 65  | 31  |
| 1490 | 3.46 | 0.07 | 2.22  | 426 | 0.15 | 2.07  | 1.13 | 60  | 33  |
| 1500 | 3.37 | 0.06 | 2.89  | 414 | 0.18 | 2.71  | 1.77 | 80  | 53  |
| 1510 | 2.67 | 0.08 | 1.82  | 415 | 0.14 | 1.68  | 3.10 | 63  | 116 |
| 1520 | 2.81 | 0.07 | 1.40  | 435 | 0.10 | 1.30  | 1.23 | 46  | 44  |
| 1530 | 3.89 | 0.14 | 2.75  | 418 | 0.39 | 2.36  | 1.47 | 61  | 38  |
| 1540 | 1.78 | 0.05 | 0.58  | 440 | 0.03 | 0.55  | 0.93 | 31  | 52  |
| 1550 | 4.04 | 0.07 | 2.48  | 426 | 0.18 | 2.30  | 1.22 | 57  | 30  |
| 1560 | 2.48 | 0.05 | 0.66  | 431 | 0.03 | 0.63  | 1.41 | 25  | 57  |
| 1570 | 1.46 | 0.05 | 0.37  | 430 | 0.02 | 0.35  | 0.85 | 24  | 58  |
| 1580 | 6.39 | 0.08 | 17.41 | 408 | 1.38 | 16.03 | 1.94 | 251 | 30  |
| 1590 | 5.66 | 0.13 | 14.25 | 425 | 1.90 | 12.35 | 1.61 | 218 | 28  |
| 1600 | 3.09 | 0.07 | 2.77  | 425 | 0.19 | 2.58  | 1.46 | 83  | 47  |
| 1610 | 1.03 | 0.16 | 0.45  | 469 | 0.07 | 0.38  | 0.88 | 37  | 85  |
| 1620 | 4.52 | 0.13 | 5.59  | 417 | 0.75 | 4.84  | 2.32 | 107 | 51  |
| 1630 | 4.27 | 0.06 | 3.01  | 427 | 0.19 | 2.82  | 2.22 | 66  | 52  |
| 1640 | 3.24 | 0.09 | 2.19  | 428 | 0.20 | 1.99  | 2.72 | 61  | 84  |
| 1650 | 3.91 | 0.06 | 1.89  | 429 | 0.11 | 1.78  | 3.00 | 46  | 77  |
| 1660 | 2.57 | 0.09 | 1.84  | 421 | 0.17 | 1.67  | 2.20 | 65  | 86  |
| 1670 | 1.25 | 0.08 | 0.37  | 426 | 0.03 | 0.34  | 0.80 | 27  | 64  |
| 1680 | 4.31 | 0.05 | 2.35  | 422 | 0.12 | 2.23  | 1.80 | 52  | 42  |
| 1690 | 3.93 | 0.07 | 2.11  | 429 | 0.14 | 1.97  | 2.07 | 50  | 53  |
| 1700 | 1.48 | 0.10 | 0.60  | 428 | 0.06 | 0.54  | 1.72 | 36  | 116 |
| 1710 | 1.40 | 0.10 | 0.49  | 429 | 0.05 | 0.44  | 1.61 | 31  | 115 |
| 1720 | 5.58 | 0.07 | 5.13  | 424 | 0.36 | 4.77  | 2.71 | 85  | 49  |
| 1730 | 2.60 | 0.09 | 1.88  | 431 | 0.16 | 1.72  | 2.27 | 66  | 87  |
| 1740 | 1.62 | 0.24 | 1.03  | 402 | 0.25 | 0.78  | 1.66 | 48  | 102 |
| 1750 | 1.36 | 0.14 | 0.58  | 424 | 0.08 | 0.50  | 1.33 | 37  | 98  |
| 1760 | 1.47 | 0.12 | 0.68  | 421 | 0.08 | 0.60  | 1.28 | 41  | 87  |
| 1770 | 2.06 | 0.13 | 1.44  | 423 | 0.18 | 1.26  | 1.92 | 61  | 93  |
| 1780 | 4.01 | 0.06 | 2.70  | 428 | 0.17 | 2.53  | 2.07 | 63  | 52  |
| 1790 | 1.88 | 0.09 | 1.06  | 426 | 0.10 | 0.96  | 1.60 | 51  | 85  |
| 1800 | 1.82 | 0.11 | 0.73  | 428 | 0.08 | 0.65  | 2.02 | 36  | 111 |
| 1810 | 2.45 | 0.12 | 0.68  | 427 | 0.08 | 0.60  | 1.78 | 24  | 73  |
| 1820 | 3.41 | 0.08 | 1.58  | 426 | 0.12 | 1.46  | 2.07 | 43  | 61  |
| 1830 | 6.17 | 0.06 | 9.61  | 422 | 0.61 | 9.00  | 3.08 | 146 | 50  |
| 1840 | 3.02 | 0.08 | 1.27  | 427 | 0.10 | 1.17  | 2.19 | 39  | 73  |
| 1850 | 3.40 | 0.06 | 1.93  | 430 | 0.12 | 1.81  | 2.05 | 53  | 60  |
| 1860 | 2.30 | 0.07 | 1.32  | 432 | 0.09 | 1.23  | 1.87 | 53  | 81  |
| 1870 | 1.83 | 0.10 | 0.78  | 427 | 0.08 | 0.70  | 1.86 | 38  | 102 |
| 1880 | 2.32 | 0.10 | 1.34  | 428 | 0.13 | 1.21  | 2.32 | 52  | 100 |
| 1890 | 2.15 | 0.42 | 5.77  | 396 | 2.40 | 3.37  | 1.93 | 157 | 90  |
| 1900 | 1.13 | 0.12 | 0.57  | 417 | 0.07 | 0.50  | 1.18 | 44  | 104 |
| 1910 | 2.85 | 0.09 | 1.55  | 427 | 0.14 | 1.41  | 1.63 | 49  | 57  |
| 1920 | 3.27 | 0.09 | 1.54  | 424 | 0.14 | 1.40  | 1.48 | 43  | 45  |
| 1930 | 3.02 | 0.08 | 1.33  | 428 | 0.11 | 1.22  | 1.59 | 40  | 53  |
| 1940 | 3.81 | 0.08 | 1.77  | 426 | 0.14 | 1.63  | 1.58 | 43  | 41  |
| 1950 | 3.50 | 0.08 | 1.51  | 425 | 0.12 | 1.39  | 1.71 | 40  | 49  |
| 1960 | 4.14 | 0.07 | 2.60  | 428 | 0.19 | 2.41  | 1.73 | 58  | 42  |
| 1970 | 4.35 | 0.06 | 2.39  | 429 | 0.14 | 2.25  | 1.94 | 52  | 45  |
| 1980 | 3.71 | 0.07 | 1.49  | 429 | 0.11 | 1.38  | 1.58 | 37  | 43  |
| 1990 | 3.60 | 0.07 | 1.87  | 427 | 0.13 | 1.74  | 1.70 | 48  | 47  |
| 2000 | 3.49 | 0.07 | 1.67  | 430 | 0.11 | 1.56  | 1.69 | 45  | 48  |
| 2010 | 2.92 | 0.07 | 1.34  | 426 | 0.10 | 1.24  | 1.59 | 42  | 54  |

|      |      |      |       |     |      |      |      |     |     |
|------|------|------|-------|-----|------|------|------|-----|-----|
| 2020 | 3.79 | 0.06 | 1.72  | 428 | 0.11 | 1.61 | 1.47 | 42  | 39  |
| 2030 | 3.05 | 0.24 | 1.96  | 418 | 0.48 | 1.48 | 1.15 | 49  | 38  |
| 2030 | 3.41 | 0.24 | 2.41  | 416 | 0.58 | 1.83 | 1.46 | 54  | 43  |
| 2040 | 3.14 | 0.08 | 1.57  | 420 | 0.12 | 1.45 | 1.39 | 46  | 44  |
| 2050 | 3.59 | 0.41 | 6.63  | 393 | 2.72 | 3.91 | 1.47 | 109 | 41  |
| 2060 | 5.35 | 0.09 | 9.30  | 419 | 0.88 | 8.42 | 1.39 | 157 | 26  |
| 2070 | 3.32 | 0.05 | 1.84  | 431 | 0.10 | 1.74 | 1.54 | 52  | 46  |
| 2080 | 2.93 | 0.10 | 1.67  | 427 | 0.17 | 1.50 | 1.72 | 51  | 59  |
| 2090 | 1.27 | 0.07 | 0.60  | 427 | 0.04 | 0.56 | 2.23 | 44  | 176 |
| 2100 | 4.51 | 0.04 | 2.54  | 433 | 0.11 | 2.43 | 1.85 | 54  | 41  |
| 2110 | 2.12 | 0.06 | 1.11  | 433 | 0.07 | 1.04 | 1.91 | 49  | 90  |
| 2120 | 2.19 | 0.07 | 1.66  | 425 | 0.12 | 1.54 | 2.39 | 70  | 109 |
| 2130 | 1.71 | 0.08 | 1.25  | 429 | 0.10 | 1.15 | 1.91 | 67  | 112 |
| 2140 | 2.69 | 0.38 | 5.76  | 406 | 2.19 | 3.57 | 1.98 | 133 | 74  |
| 2150 | 3.98 | 0.23 | 5.13  | 382 | 1.18 | 3.95 | 2.46 | 99  | 62  |
| 2160 | 4.75 | 0.25 | 7.38  | 419 | 1.83 | 5.55 | 2.19 | 117 | 46  |
| 2170 | 2.98 | 0.10 | 1.51  | 423 | 0.15 | 1.36 | 1.91 | 46  | 64  |
| 2170 | 3.24 | 0.09 | 1.62  | 424 | 0.14 | 1.48 | 1.88 | 46  | 58  |
| 2180 | 3.90 | 0.04 | 6.03  | 429 | 0.23 | 5.80 | 1.63 | 149 | 42  |
| 2190 | 2.48 | 0.06 | 1.08  | 426 | 0.06 | 1.02 | 1.39 | 41  | 56  |
| 2200 | 0.53 | 0.07 | 0.15  | 431 | 0.01 | 0.14 | 0.56 | 26  | 106 |
| 2210 | 3.04 | 0.05 | 1.16  | 427 | 0.06 | 1.10 | 1.02 | 36  | 34  |
| 2220 | 1.63 | 0.14 | 1.16  | 428 | 0.16 | 1.00 | 1.33 | 61  | 82  |
| 2230 | 1.46 | 0.12 | 0.77  | 417 | 0.09 | 0.68 | 1.05 | 47  | 72  |
| 2240 | 1.03 | 0.27 | 1.13  | 386 | 0.31 | 0.82 | 1.50 | 80  | 146 |
| 2250 | 1.58 | 0.13 | 1.12  | 424 | 0.15 | 0.97 | 1.22 | 61  | 77  |
| 2260 | 6.54 | 0.32 | 11.63 | 417 | 3.77 | 7.86 | 3.04 | 120 | 46  |
| 2270 | 0.66 | 0.08 | 0.37  | 419 | 0.03 | 0.34 | 0.86 | 52  | 130 |
| 2280 | 3.93 | 0.13 | 3.27  | 427 | 0.44 | 2.83 | 1.92 | 72  | 49  |
| 2290 | 2.04 | 0.18 | 2.05  | 364 | 0.37 | 1.68 | 1.98 | 82  | 97  |
| 2300 | 2.58 | 0.07 | 1.57  | 427 | 0.11 | 1.46 | 2.07 | 57  | 80  |
| 2310 | 1.67 | 0.07 | 1.47  | 424 | 0.10 | 1.37 | 2.18 | 82  | 131 |
| 2320 | 2.12 | 0.15 | 4.72  | 368 | 0.72 | 4.00 | 2.38 | 189 | 112 |
| 2320 | 0.01 | 0.00 | 0.01  | 0   | 0.00 | 0.01 | 0.01 | 100 | 100 |
| 2330 | 1.62 | 0.10 | 1.43  | 423 | 0.14 | 1.29 | 1.60 | 80  | 99  |
| 2330 | 1.79 | 0.12 | 1.67  | 423 | 0.20 | 1.47 | 2.53 | 82  | 141 |
| 2340 | 1.95 | 0.12 | 2.03  | 423 | 0.24 | 1.79 | 2.42 | 92  | 124 |
| 2350 | 1.24 | 0.09 | 0.87  | 425 | 0.08 | 0.79 | 2.14 | 64  | 173 |
| 2360 | 1.47 | 0.09 | 1.39  | 419 | 0.12 | 1.27 | 2.34 | 86  | 159 |
| 2370 | 1.70 | 0.07 | 1.39  | 427 | 0.10 | 1.29 | 2.12 | 76  | 125 |
| 2380 | 1.85 | 0.06 | 1.16  | 427 | 0.07 | 1.09 | 2.00 | 59  | 108 |
| 2390 | 1.21 | 0.09 | 0.82  | 430 | 0.07 | 0.75 | 1.14 | 62  | 94  |
| 2400 | 1.94 | 0.30 | 5.41  | 397 | 1.65 | 3.76 | 1.40 | 194 | 72  |
| 2410 | 1.36 | 0.10 | 1.45  | 422 | 0.14 | 1.31 | 1.60 | 96  | 118 |
| 2420 | 1.17 | 0.08 | 1.08  | 429 | 0.09 | 0.99 | 1.42 | 85  | 121 |
| 2430 | 1.15 | 0.09 | 0.85  | 427 | 0.08 | 0.77 | 1.57 | 67  | 137 |
| 2440 | 1.32 | 0.20 | 2.19  | 375 | 0.43 | 1.76 | 1.83 | 133 | 139 |
| 2450 | 0.92 | 0.10 | 0.63  | 426 | 0.06 | 0.57 | 1.33 | 62  | 145 |
| 2460 | 1.23 | 0.07 | 1.33  | 420 | 0.09 | 1.24 | 1.49 | 101 | 121 |
| 2470 | 1.40 | 0.08 | 1.29  | 427 | 0.10 | 1.19 | 1.65 | 85  | 118 |
| 2480 | 1.34 | 0.07 | 1.14  | 427 | 0.08 | 1.06 | 1.73 | 79  | 129 |
| 2490 | 1.23 | 0.16 | 1.52  | 417 | 0.25 | 1.27 | 1.63 | 103 | 133 |
| 2500 | 1.53 | 0.16 | 3.31  | 367 | 0.54 | 2.77 | 1.86 | 181 | 122 |
| 2510 | 1.99 | 0.26 | 4.41  | 364 | 1.14 | 3.27 | 2.11 | 164 | 106 |
| 2520 | 1.57 | 0.08 | 1.33  | 426 | 0.10 | 1.23 | 1.77 | 78  | 113 |

|      |      |      |       |     |       |      |      |     |     |
|------|------|------|-------|-----|-------|------|------|-----|-----|
| 2530 | 2.11 | 0.17 | 3.36  | 378 | 0.56  | 2.80 | 1.95 | 133 | 92  |
| 2540 | 1.93 | 0.15 | 2.72  | 422 | 0.42  | 2.30 | 1.91 | 119 | 99  |
| 2550 | 1.49 | 0.08 | 1.54  | 426 | 0.12  | 1.42 | 1.75 | 95  | 117 |
| 2560 | 1.31 | 0.08 | 1.01  | 428 | 0.08  | 0.93 | 1.38 | 71  | 105 |
| 2570 | 1.58 | 0.14 | 2.07  | 425 | 0.30  | 1.77 | 1.84 | 112 | 116 |
| 2580 | 1.33 | 0.09 | 0.97  | 428 | 0.09  | 0.88 | 1.55 | 66  | 117 |
| 2590 | 1.43 | 0.14 | 1.85  | 421 | 0.26  | 1.59 | 1.86 | 111 | 130 |
| 2600 | 0.97 | 0.19 | 1.72  | 386 | 0.32  | 1.40 | 1.81 | 144 | 187 |
| 2610 | 1.69 | 0.07 | 1.38  | 426 | 0.09  | 1.29 | 1.79 | 76  | 106 |
| 2620 | 2.35 | 0.11 | 0.89  | 428 | 0.10  | 0.79 | 1.42 | 34  | 60  |
| 2620 | 2.18 | 0.11 | 1.00  | 425 | 0.11  | 0.89 | 1.31 | 41  | 60  |
| 2630 | 1.22 | 0.13 | 1.41  | 418 | 0.18  | 1.23 | 1.48 | 101 | 121 |
| 2640 | 2.99 | 0.15 | 4.27  | 420 | 0.64  | 3.63 | 1.73 | 121 | 58  |
| 2650 | 1.60 | 0.07 | 1.56  | 424 | 0.11  | 1.45 | 1.64 | 91  | 103 |
| 2660 | 1.58 | 0.08 | 1.58  | 423 | 0.12  | 1.46 | 1.56 | 92  | 99  |
| 2670 | 1.19 | 0.09 | 0.99  | 422 | 0.09  | 0.90 | 2.48 | 76  | 208 |
| 2680 | 1.22 | 0.20 | 1.74  | 405 | 0.35  | 1.39 | 1.81 | 114 | 148 |
| 2690 | 1.21 | 0.16 | 1.77  | 415 | 0.28  | 1.49 | 1.84 | 123 | 152 |
| 2700 | 1.42 | 0.23 | 3.46  | 364 | 0.79  | 2.67 | 2.12 | 188 | 149 |
| 2710 | 2.91 | 0.56 | 17.82 | 418 | 9.96  | 7.86 | 1.93 | 270 | 66  |
| 2720 | 1.26 | 0.17 | 2.63  | 414 | 0.46  | 2.17 | 1.92 | 172 | 152 |
| 2730 | 1.35 | 0.17 | 2.60  | 364 | 0.43  | 2.17 | 2.18 | 161 | 161 |
| 2740 | 1.23 | 0.14 | 2.36  | 398 | 0.34  | 2.02 | 2.48 | 164 | 202 |
| 2750 | 1.57 | 0.27 | 4.89  | 400 | 1.31  | 3.58 | 2.23 | 228 | 142 |
| 2760 | 0.95 | 0.08 | 0.62  | 429 | 0.05  | 0.57 | 1.79 | 60  | 188 |
| 2770 | 1.30 | 0.18 | 2.11  | 395 | 0.38  | 1.73 | 1.96 | 133 | 151 |
| 2780 | 1.77 | 0.08 | 2.02  | 418 | 0.16  | 1.86 | 1.77 | 105 | 100 |
| 2790 | 2.89 | 0.05 | 3.47  | 422 | 0.17  | 3.30 | 1.79 | 114 | 62  |
| 2800 | 2.33 | 0.15 | 3.36  | 407 | 0.52  | 2.84 | 2.04 | 122 | 88  |
| 2810 | 1.74 | 0.13 | 1.76  | 421 | 0.22  | 1.54 | 1.63 | 89  | 94  |
| 2820 | 1.27 | 0.09 | 1.16  | 429 | 0.11  | 1.05 | 1.80 | 83  | 142 |
| 2830 | 1.44 | 0.19 | 2.75  | 363 | 0.53  | 2.22 | 2.30 | 154 | 160 |
| 2840 | 1.54 | 0.14 | 4.51  | 370 | 0.64  | 3.87 | 2.50 | 251 | 162 |
| 2850 | 1.25 | 0.18 | 2.92  | 363 | 0.53  | 2.39 | 2.22 | 191 | 178 |
| 2860 | 1.17 | 0.23 | 1.58  | 420 | 0.36  | 1.22 | 1.55 | 104 | 132 |
| 2860 | 1.08 | 0.22 | 1.73  | 409 | 0.38  | 1.35 | 2.17 | 125 | 201 |
| 2870 | 1.16 | 0.21 | 1.46  | 405 | 0.31  | 1.15 | 1.55 | 99  | 134 |
| 2870 | 1.22 | 0.23 | 2.55  | 367 | 0.59  | 1.96 | 1.92 | 161 | 157 |
| 2880 | 1.24 | 0.22 | 2.18  | 395 | 0.47  | 1.71 | 2.06 | 138 | 166 |
| 2890 | 1.06 | 0.21 | 3.04  | 364 | 0.63  | 2.41 | 2.11 | 227 | 199 |
| 2900 | 1.10 | 0.23 | 1.92  | 409 | 0.45  | 1.47 | 1.52 | 134 | 138 |
| 2910 | 2.21 | 0.22 | 5.05  | 372 | 1.09  | 3.96 | 2.41 | 179 | 109 |
| 2920 | 1.19 | 0.19 | 1.23  | 426 | 0.23  | 1.00 | 1.12 | 84  | 94  |
| 2930 | 0.80 | 0.21 | 1.07  | 415 | 0.23  | 0.84 | 3.37 | 105 | 421 |
| 2940 | 3.05 | 0.58 | 19.86 | 410 | 11.55 | 8.31 | 2.11 | 272 | 69  |
| 2950 | 0.95 | 0.16 | 1.05  | 419 | 0.17  | 0.88 | 1.64 | 93  | 173 |
| 2960 | 1.16 | 0.19 | 1.89  | 411 | 0.36  | 1.53 | 1.99 | 132 | 172 |
| 2970 | 1.42 | 0.24 | 3.77  | 412 | 0.91  | 2.86 | 2.65 | 201 | 187 |
| 2980 | 1.18 | 0.38 | 2.73  | 395 | 1.04  | 1.69 | 2.14 | 143 | 181 |
| 2990 | 1.69 | 0.20 | 3.80  | 375 | 0.76  | 3.04 | 2.84 | 180 | 168 |
| 3000 | 1.07 | 0.60 | 3.81  | 367 | 2.29  | 1.52 | 2.66 | 142 | 249 |
| 3010 | 1.46 | 0.20 | 1.78  | 422 | 0.36  | 1.42 | 1.94 | 97  | 133 |
| 3020 | 1.32 | 0.23 | 2.16  | 422 | 0.49  | 1.67 | 2.29 | 127 | 173 |
| 3030 | 1.29 | 0.26 | 2.13  | 422 | 0.55  | 1.58 | 2.13 | 122 | 165 |
| 3040 | 1.30 | 0.23 | 2.55  | 369 | 0.59  | 1.96 | 2.54 | 151 | 195 |

|      |      |      |       |     |       |      |      |     |     |
|------|------|------|-------|-----|-------|------|------|-----|-----|
| 3050 | 1.30 | 0.19 | 1.90  | 426 | 0.36  | 1.54 | 2.35 | 118 | 181 |
| 3060 | 1.20 | 0.17 | 1.81  | 424 | 0.31  | 1.50 | 2.17 | 125 | 181 |
| 3070 | 1.28 | 0.19 | 1.66  | 426 | 0.32  | 1.34 | 2.61 | 105 | 204 |
| 3080 | 1.16 | 0.25 | 1.91  | 419 | 0.47  | 1.44 | 2.25 | 124 | 194 |
| 3090 | 1.17 | 0.27 | 2.13  | 420 | 0.57  | 1.56 | 2.15 | 133 | 184 |
| 3100 | 1.70 | 0.21 | 3.05  | 423 | 0.65  | 2.40 | 2.54 | 141 | 149 |
| 3110 | 1.51 | 0.19 | 2.85  | 391 | 0.55  | 2.30 | 2.92 | 152 | 193 |
| 3120 | 1.09 | 0.18 | 1.59  | 399 | 0.28  | 1.31 | 2.71 | 120 | 249 |
| 3130 | 1.21 | 0.16 | 1.92  | 421 | 0.30  | 1.62 | 2.65 | 134 | 219 |
| 3140 | 1.71 | 0.20 | 3.37  | 418 | 0.66  | 2.71 | 2.64 | 158 | 154 |
| 3150 | 1.90 | 0.18 | 3.70  | 421 | 0.66  | 3.04 | 2.12 | 160 | 112 |
| 3160 | 2.06 | 0.15 | 3.16  | 425 | 0.47  | 2.69 | 1.99 | 131 | 97  |
| 3170 | 1.28 | 0.13 | 1.54  | 422 | 0.20  | 1.34 | 2.06 | 105 | 161 |
| 3180 | 1.16 | 0.16 | 1.79  | 426 | 0.28  | 1.51 | 2.33 | 130 | 201 |
| 3190 | 1.53 | 0.16 | 2.47  | 407 | 0.39  | 2.08 | 2.53 | 136 | 165 |
| 3200 | 1.41 | 0.16 | 2.21  | 423 | 0.36  | 1.85 | 2.45 | 131 | 174 |
| 3210 | 1.29 | 0.17 | 1.40  | 424 | 0.24  | 1.16 | 2.29 | 90  | 178 |
| 3220 | 1.19 | 0.26 | 2.29  | 415 | 0.59  | 1.70 | 2.27 | 143 | 191 |
| 3230 | 2.02 | 0.74 | 14.78 | 339 | 10.93 | 3.85 | 1.57 | 191 | 78  |
| 3240 | 1.38 | 0.42 | 4.55  | 411 | 1.92  | 2.63 | 1.54 | 191 | 112 |
| 3250 | 1.47 | 0.41 | 6.12  | 411 | 2.53  | 3.59 | 2.43 | 244 | 165 |
| 3260 | 0.97 | 0.25 | 2.16  | 380 | 0.53  | 1.63 | 2.00 | 168 | 206 |
| 3270 | 1.79 | 0.16 | 3.23  | 435 | 0.53  | 2.70 | 1.54 | 151 | 86  |
| 3270 | 1.46 | 0.22 | 2.23  | 424 | 0.48  | 1.75 | 2.07 | 120 | 142 |
| 3280 | 1.05 | 0.14 | 1.11  | 428 | 0.15  | 0.96 | 1.99 | 91  | 190 |
| 3290 | 1.30 | 0.21 | 2.00  | 425 | 0.41  | 1.59 | 2.47 | 122 | 190 |
| 3300 | 1.29 | 0.13 | 1.79  | 420 | 0.24  | 1.55 | 1.86 | 120 | 144 |
| 3310 | 1.20 | 0.13 | 1.67  | 426 | 0.21  | 1.46 | 1.79 | 122 | 149 |
| 3320 | 1.49 | 0.14 | 2.29  | 423 | 0.32  | 1.97 | 2.07 | 132 | 139 |
| 3330 | 1.39 | 0.11 | 1.78  | 431 | 0.19  | 1.59 | 1.64 | 114 | 118 |
| 3340 | 0.99 | 0.16 | 1.31  | 425 | 0.21  | 1.10 | 1.57 | 111 | 159 |
| 3350 | 1.75 | 0.11 | 2.63  | 421 | 0.28  | 2.35 | 1.49 | 134 | 85  |
| 3360 | 1.38 | 0.10 | 1.62  | 428 | 0.17  | 1.45 | 1.38 | 105 | 100 |
| 3370 | 0.85 | 0.18 | 1.08  | 422 | 0.19  | 0.89 | 1.48 | 105 | 174 |
| 3380 | 1.29 | 0.17 | 1.50  | 424 | 0.26  | 1.24 | 1.57 | 96  | 122 |
| 3390 | 1.25 | 0.16 | 1.73  | 424 | 0.28  | 1.45 | 1.87 | 116 | 150 |
| 3400 | 1.04 | 0.16 | 1.31  | 429 | 0.21  | 1.10 | 1.72 | 106 | 165 |
| 3410 | 1.37 | 0.15 | 1.66  | 428 | 0.25  | 1.41 | 1.91 | 103 | 139 |
| 3420 | 1.09 | 0.18 | 1.71  | 417 | 0.30  | 1.41 | 1.52 | 129 | 139 |
| 3430 | 1.00 | 0.15 | 1.00  | 426 | 0.15  | 0.85 | 1.19 | 85  | 119 |
| 3440 | 1.93 | 0.12 | 1.71  | 431 | 0.20  | 1.51 | 1.53 | 78  | 79  |
| 3450 | 1.15 | 0.14 | 1.66  | 426 | 0.23  | 1.43 | 1.94 | 124 | 169 |
| 3460 | 1.32 | 0.13 | 1.52  | 432 | 0.19  | 1.33 | 1.68 | 101 | 127 |
| 3470 | 1.47 | 0.12 | 1.42  | 429 | 0.17  | 1.25 | 1.94 | 85  | 132 |
| 3480 | 0.60 | 0.13 | 0.47  | 432 | 0.06  | 0.41 | 1.01 | 68  | 168 |
| 3490 | 0.80 | 0.16 | 0.77  | 432 | 0.12  | 0.65 | 1.19 | 81  | 149 |
| 3500 | 1.32 | 0.11 | 1.50  | 430 | 0.17  | 1.33 | 1.55 | 101 | 117 |
| 3510 | 1.23 | 0.11 | 1.51  | 425 | 0.17  | 1.34 | 1.51 | 109 | 123 |
| 3520 | 1.26 | 0.11 | 1.52  | 430 | 0.16  | 1.36 | 1.54 | 108 | 122 |
| 3520 | 1.23 | 0.12 | 1.36  | 432 | 0.16  | 1.20 | 1.59 | 98  | 129 |
| 3530 | 1.26 | 0.12 | 1.56  | 430 | 0.18  | 1.38 | 1.40 | 110 | 111 |
| 3530 | 0.96 | 0.16 | 1.39  | 399 | 0.22  | 1.17 | 1.65 | 122 | 172 |
| 3540 | 1.30 | 0.15 | 2.36  | 374 | 0.35  | 2.01 | 1.78 | 155 | 137 |
| 3540 | 1.09 | 0.08 | 2.26  | 373 | 0.18  | 2.08 | 3.77 | 191 | 346 |
| 3550 | 1.85 | 0.11 | 1.87  | 431 | 0.21  | 1.66 | 1.39 | 90  | 75  |

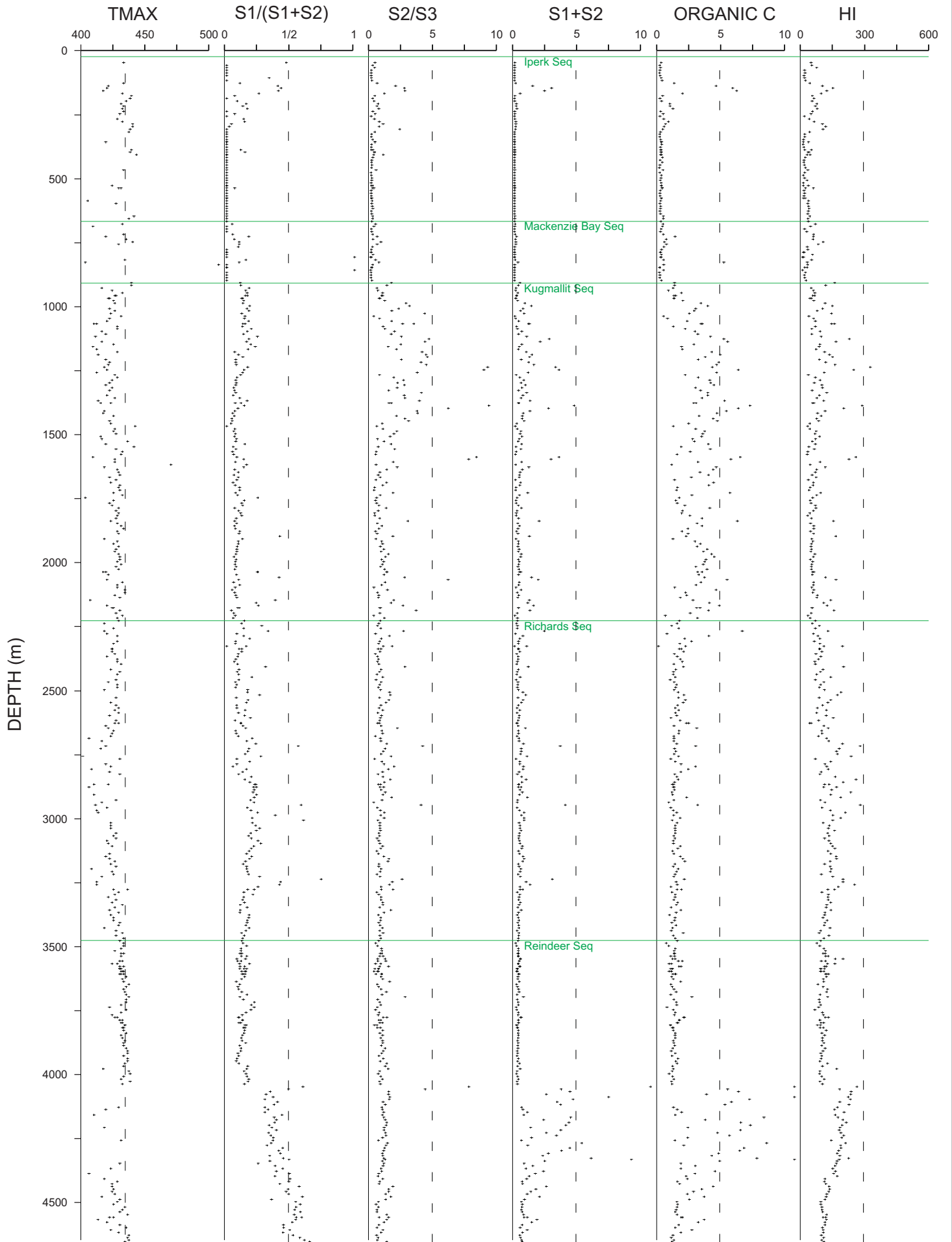
|      |      |      |      |     |      |      |      |     |     |
|------|------|------|------|-----|------|------|------|-----|-----|
| 3550 | 1.56 | 0.09 | 1.86 | 429 | 0.16 | 1.70 | 2.99 | 109 | 192 |
| 3560 | 1.01 | 0.18 | 1.45 | 427 | 0.26 | 1.19 | 1.51 | 118 | 150 |
| 3560 | 0.82 | 0.10 | 1.39 | 423 | 0.14 | 1.25 | 3.15 | 152 | 384 |
| 3570 | 1.77 | 0.14 | 2.13 | 432 | 0.30 | 1.83 | 1.30 | 103 | 73  |
| 3570 | 1.60 | 0.11 | 1.99 | 429 | 0.21 | 1.78 | 2.51 | 111 | 157 |
| 3580 | 1.10 | 0.14 | 1.10 | 429 | 0.15 | 0.95 | 1.51 | 86  | 137 |
| 3580 | 1.07 | 0.16 | 1.09 | 430 | 0.17 | 0.92 | 1.51 | 86  | 141 |
| 3580 | 0.94 | 0.10 | 1.08 | 429 | 0.11 | 0.97 | 2.93 | 103 | 312 |
| 3590 | 0.98 | 0.14 | 0.99 | 431 | 0.14 | 0.85 | 1.43 | 87  | 146 |
| 3590 | 0.82 | 0.12 | 0.93 | 430 | 0.11 | 0.82 | 2.87 | 100 | 350 |
| 3590 | 1.00 | 0.15 | 1.00 | 432 | 0.15 | 0.85 | 1.53 | 85  | 153 |
| 3600 | 1.31 | 0.14 | 1.66 | 430 | 0.24 | 1.42 | 1.68 | 108 | 128 |
| 3600 | 1.34 | 0.13 | 1.77 | 432 | 0.23 | 1.54 | 1.74 | 115 | 130 |
| 3600 | 1.12 | 0.12 | 1.56 | 429 | 0.19 | 1.37 | 3.23 | 122 | 288 |
| 3610 | 1.03 | 0.14 | 1.35 | 434 | 0.19 | 1.16 | 1.39 | 113 | 135 |
| 3620 | 1.16 | 0.12 | 1.29 | 431 | 0.15 | 1.14 | 1.20 | 98  | 103 |
| 3630 | 1.73 | 0.08 | 1.86 | 432 | 0.14 | 1.72 | 1.15 | 99  | 66  |
| 3640 | 0.97 | 0.10 | 0.78 | 436 | 0.08 | 0.70 | 1.31 | 72  | 135 |
| 3650 | 1.07 | 0.09 | 1.14 | 434 | 0.10 | 1.04 | 1.66 | 97  | 155 |
| 3660 | 1.22 | 0.09 | 1.58 | 432 | 0.15 | 1.43 | 1.72 | 117 | 141 |
| 3670 | 1.38 | 0.12 | 1.78 | 433 | 0.21 | 1.57 | 1.27 | 114 | 92  |
| 3680 | 0.95 | 0.16 | 0.94 | 434 | 0.15 | 0.79 | 0.89 | 83  | 94  |
| 3690 | 2.60 | 0.10 | 3.45 | 436 | 0.36 | 3.09 | 1.14 | 119 | 44  |
| 3700 | 1.19 | 0.13 | 1.07 | 434 | 0.14 | 0.93 | 1.67 | 78  | 140 |
| 3710 | 1.39 | 0.22 | 1.43 | 434 | 0.31 | 1.12 | 1.57 | 81  | 113 |
| 3720 | 1.42 | 0.19 | 1.50 | 430 | 0.29 | 1.21 | 1.53 | 85  | 108 |
| 3730 | 0.67 | 0.22 | 0.65 | 421 | 0.14 | 0.51 | 0.97 | 76  | 145 |
| 3740 | 1.16 | 0.19 | 0.84 | 434 | 0.16 | 0.68 | 1.78 | 59  | 153 |
| 3750 | 1.31 | 0.15 | 1.45 | 430 | 0.22 | 1.23 | 1.83 | 94  | 140 |
| 3760 | 1.24 | 0.12 | 1.39 | 423 | 0.17 | 1.22 | 2.04 | 98  | 165 |
| 3770 | 2.02 | 0.09 | 2.73 | 425 | 0.25 | 2.48 | 1.94 | 123 | 96  |
| 3770 | 1.97 | 0.10 | 2.34 | 427 | 0.23 | 2.11 | 2.11 | 107 | 107 |
| 3780 | 1.60 | 0.13 | 1.51 | 429 | 0.19 | 1.32 | 1.67 | 83  | 104 |
| 3780 | 1.64 | 0.12 | 1.54 | 431 | 0.19 | 1.35 | 2.04 | 82  | 124 |
| 3790 | 1.50 | 0.10 | 1.65 | 430 | 0.16 | 1.49 | 1.59 | 99  | 106 |
| 3790 | 1.47 | 0.11 | 1.45 | 431 | 0.16 | 1.29 | 1.76 | 88  | 120 |
| 3800 | 0.94 | 0.14 | 0.92 | 433 | 0.13 | 0.79 | 1.55 | 84  | 165 |
| 3800 | 0.93 | 0.15 | 0.78 | 433 | 0.12 | 0.66 | 2.13 | 71  | 229 |
| 3810 | 1.07 | 0.13 | 1.21 | 431 | 0.16 | 1.05 | 1.37 | 98  | 128 |
| 3810 | 1.15 | 0.14 | 1.12 | 432 | 0.16 | 0.96 | 1.81 | 83  | 157 |
| 3820 | 1.15 | 0.14 | 1.49 | 432 | 0.21 | 1.28 | 1.33 | 111 | 116 |
| 3830 | 1.31 | 0.14 | 1.39 | 434 | 0.19 | 1.20 | 1.64 | 92  | 125 |
| 3840 | 1.29 | 0.12 | 1.54 | 430 | 0.19 | 1.35 | 1.43 | 105 | 111 |
| 3850 | 1.31 | 0.12 | 1.39 | 431 | 0.16 | 1.23 | 1.55 | 94  | 118 |
| 3860 | 1.15 | 0.12 | 1.24 | 433 | 0.15 | 1.09 | 1.16 | 95  | 101 |
| 3870 | 1.20 | 0.15 | 1.41 | 432 | 0.21 | 1.20 | 1.26 | 100 | 105 |
| 3880 | 1.27 | 0.10 | 1.28 | 432 | 0.13 | 1.15 | 1.37 | 91  | 108 |
| 3890 | 1.12 | 0.11 | 1.34 | 434 | 0.15 | 1.19 | 1.05 | 106 | 94  |
| 3900 | 1.00 | 0.11 | 1.08 | 435 | 0.12 | 0.96 | 0.97 | 96  | 97  |
| 3910 | 1.31 | 0.09 | 1.24 | 435 | 0.11 | 1.13 | 1.30 | 86  | 99  |
| 3920 | 1.06 | 0.09 | 1.06 | 432 | 0.10 | 0.96 | 1.46 | 91  | 138 |
| 3930 | 1.52 | 0.08 | 1.47 | 435 | 0.12 | 1.35 | 1.35 | 89  | 89  |
| 3940 | 1.35 | 0.08 | 1.20 | 435 | 0.09 | 1.11 | 1.47 | 82  | 109 |
| 3950 | 1.45 | 0.10 | 1.88 | 433 | 0.18 | 1.70 | 1.34 | 117 | 92  |
| 3960 | 1.09 | 0.16 | 1.22 | 432 | 0.20 | 1.02 | 0.88 | 94  | 81  |



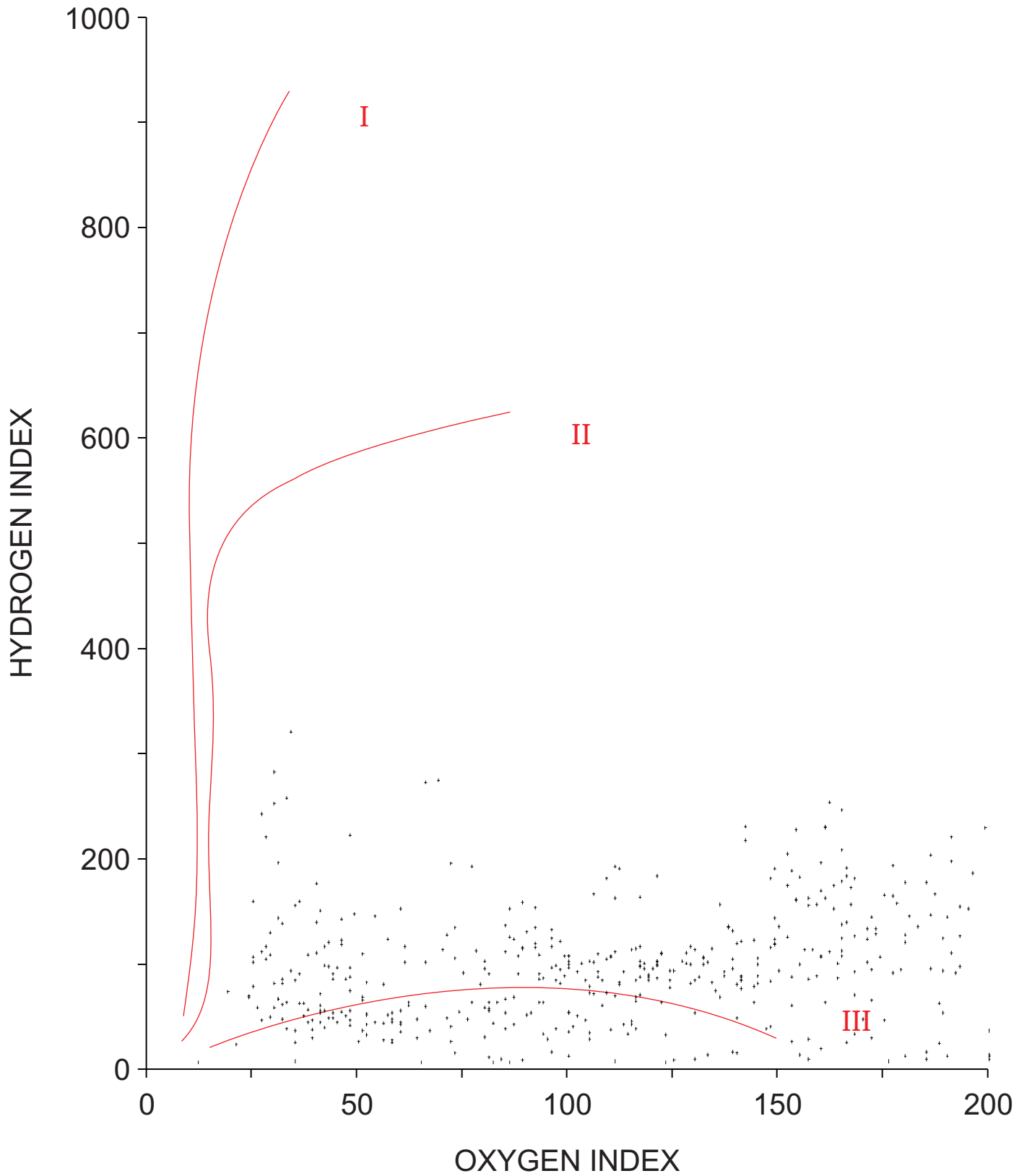
|      |       |      |       |     |       |       |       |     |     |
|------|-------|------|-------|-----|-------|-------|-------|-----|-----|
| 3970 | 1.15  | 0.16 | 2.21  | 416 | 0.35  | 1.86  | 1.35  | 162 | 117 |
| 3980 | 1.07  | 0.14 | 1.02  | 436 | 0.14  | 0.88  | 1.25  | 82  | 117 |
| 3990 | 0.83  | 0.15 | 0.79  | 437 | 0.12  | 0.67  | 1.12  | 81  | 135 |
| 4000 | 1.11  | 0.16 | 1.19  | 432 | 0.19  | 1.00  | 1.26  | 90  | 114 |
| 4010 | 1.21  | 0.17 | 1.50  | 430 | 0.26  | 1.24  | 1.33  | 102 | 110 |
| 4020 | 1.02  | 0.17 | 1.01  | 437 | 0.17  | 0.84  | 1.22  | 82  | 120 |
| 4030 | 1.06  | 0.14 | 1.15  | 431 | 0.16  | 0.99  | 1.28  | 93  | 121 |
| 4040 | 10.39 | 0.60 | 65.82 | 333 | 39.25 | 26.57 | 3.46  | 256 | 33  |
| 4050 | 5.40  | 0.48 | 18.19 | 336 | 8.79  | 9.40  | 2.20  | 174 | 41  |
| 4060 | 6.25  | 0.34 | 21.65 | 320 | 7.38  | 14.27 | 10.09 | 228 | 161 |
| 4070 | 3.76  | 0.31 | 12.38 | 321 | 3.82  | 8.56  | 6.08  | 228 | 162 |
| 4080 | 10.87 | 0.36 | 36.79 | 323 | 13.37 | 23.42 | 15.54 | 215 | 143 |
| 4090 | 7.10  | 0.30 | 22.83 | 325 | 6.80  | 16.03 | 11.00 | 226 | 155 |
| 4100 | 5.70  | 0.40 | 16.63 | 317 | 6.60  | 10.03 | 10.28 | 176 | 180 |
| 4110 | 5.19  | 0.37 | 18.06 | 319 | 6.70  | 11.36 | 9.94  | 219 | 192 |
| 4120 | 1.17  | 0.30 | 2.75  | 428 | 0.82  | 1.93  | 2.19  | 165 | 187 |
| 4130 | 1.47  | 0.32 | 3.27  | 418 | 1.06  | 2.21  | 2.41  | 150 | 164 |
| 4140 | 1.81  | 0.30 | 5.04  | 349 | 1.50  | 3.54  | 3.46  | 196 | 191 |
| 4150 | 1.31  | 0.43 | 3.58  | 409 | 1.55  | 2.03  | 2.19  | 155 | 167 |
| 4160 | 8.24  | 0.37 | 21.97 | 315 | 8.18  | 13.79 | 13.24 | 167 | 161 |
| 4170 | 3.65  | 0.39 | 11.34 | 313 | 4.41  | 6.93  | 6.09  | 190 | 167 |
| 4180 | 6.43  | 0.38 | 21.28 | 320 | 7.99  | 13.29 | 10.63 | 207 | 165 |
| 4190 | 7.18  | 0.33 | 20.06 | 320 | 6.68  | 13.38 | 10.99 | 186 | 153 |
| 4200 | 2.30  | 0.35 | 6.30  | 417 | 2.23  | 4.07  | 3.80  | 177 | 165 |
| 4210 | 6.40  | 0.39 | 18.09 | 316 | 7.04  | 11.05 | 10.48 | 173 | 164 |
| 4220 | 4.62  | 0.33 | 12.42 | 315 | 4.07  | 8.35  | 7.17  | 181 | 155 |
| 4230 | 5.54  | 0.35 | 16.43 | 316 | 5.68  | 10.75 | 8.87  | 194 | 160 |
| 4240 | 2.28  | 0.37 | 6.63  | 317 | 2.42  | 4.21  | 4.49  | 185 | 197 |
| 4250 | 1.28  | 0.36 | 2.71  | 430 | 0.98  | 1.73  | 2.82  | 135 | 220 |
| 4260 | 8.46  | 0.35 | 26.25 | 322 | 9.15  | 17.10 | 12.92 | 202 | 153 |
| 4270 | 1.97  | 0.32 | 5.16  | 373 | 1.63  | 3.53  | 2.92  | 179 | 148 |
| 4280 | 6.68  | 0.44 | 21.60 | 310 | 9.46  | 12.14 | 11.11 | 182 | 166 |
| 4290 | 6.36  | 0.41 | 18.34 | 309 | 7.47  | 10.87 | 10.63 | 171 | 167 |
| 4300 | 4.69  | 0.42 | 13.24 | 311 | 5.56  | 7.68  | 8.22  | 164 | 175 |
| 4310 | 4.16  | 0.34 | 11.04 | 319 | 3.72  | 7.32  | 7.70  | 176 | 185 |
| 4320 | 7.69  | 0.44 | 29.91 | 311 | 13.25 | 16.66 | 15.96 | 217 | 208 |
| 4325 | 13.59 | 0.49 | 45.68 | 310 | 22.27 | 23.41 | 20.77 | 172 | 153 |
| 4330 | 4.78  | 0.34 | 11.78 | 319 | 3.99  | 7.79  | 8.50  | 163 | 178 |
| 4340 | 1.74  | 0.25 | 3.69  | 429 | 0.91  | 2.78  | 2.69  | 160 | 155 |
| 4350 | 2.88  | 0.38 | 7.14  | 310 | 2.71  | 4.43  | 4.53  | 154 | 157 |
| 4360 | 1.76  | 0.44 | 4.45  | 422 | 1.95  | 2.50  | 3.04  | 142 | 173 |
| 4370 | 4.42  | 0.39 | 11.26 | 305 | 4.39  | 6.87  | 7.87  | 155 | 178 |
| 4380 | 2.84  | 0.49 | 8.15  | 405 | 4.00  | 4.15  | 6.49  | 146 | 229 |
| 4390 | 2.16  | 0.38 | 5.69  | 396 | 2.15  | 3.54  | 6.03  | 164 | 279 |
| 4400 | 2.25  | 0.49 | 4.69  | 417 | 2.32  | 2.37  | 2.49  | 105 | 111 |
| 4410 | 1.48  | 0.49 | 2.98  | 427 | 1.45  | 1.53  | 2.15  | 103 | 145 |
| 4420 | 1.64  | 0.42 | 3.10  | 423 | 1.29  | 1.81  | 2.71  | 110 | 165 |
| 4430 | 4.28  | 0.57 | 12.40 | 423 | 7.03  | 5.37  | 3.07  | 125 | 72  |
| 4440 | 3.38  | 0.48 | 8.37  | 424 | 4.02  | 4.35  | 3.06  | 129 | 91  |
| 4450 | 2.74  | 0.47 | 6.32  | 423 | 2.94  | 3.38  | 2.38  | 123 | 87  |
| 4460 | 2.25  | 0.48 | 4.99  | 425 | 2.42  | 2.57  | 2.18  | 114 | 97  |
| 4470 | 3.57  | 0.59 | 9.79  | 415 | 5.80  | 3.99  | 2.50  | 112 | 70  |
| 4480 | 2.41  | 0.35 | 3.91  | 429 | 1.37  | 2.54  | 2.14  | 105 | 89  |
| 4490 | 1.44  | 0.54 | 2.72  | 427 | 1.47  | 1.25  | 2.04  | 87  | 142 |
| 4500 | 1.49  | 0.58 | 3.04  | 424 | 1.75  | 1.29  | 2.99  | 87  | 201 |

|      |      |      |      |     |      |      |      |     |     |
|------|------|------|------|-----|------|------|------|-----|-----|
| 4510 | 1.45 | 0.54 | 2.91 | 433 | 1.58 | 1.33 | 2.18 | 92  | 150 |
| 4520 | 1.38 | 0.53 | 2.71 | 431 | 1.44 | 1.27 | 2.48 | 92  | 180 |
| 4530 | 1.32 | 0.58 | 2.98 | 429 | 1.72 | 1.26 | 2.56 | 95  | 194 |
| 4540 | 1.46 | 0.53 | 3.50 | 435 | 1.85 | 1.65 | 1.30 | 113 | 89  |
| 4550 | 1.78 | 0.54 | 3.80 | 424 | 2.07 | 1.73 | 2.59 | 97  | 146 |
| 4550 | 1.88 | 0.59 | 5.03 | 421 | 2.95 | 2.08 | 1.48 | 111 | 79  |
| 4560 | 3.57 | 0.54 | 8.77 | 412 | 4.74 | 4.03 | 3.20 | 113 | 90  |
| 4570 | 3.10 | 0.51 | 6.73 | 419 | 3.45 | 3.28 | 3.11 | 106 | 100 |
| 4580 | 1.58 | 0.44 | 2.99 | 429 | 1.33 | 1.66 | 2.53 | 105 | 160 |
| 4590 | 1.32 | 0.45 | 2.22 | 434 | 0.99 | 1.23 | 2.46 | 93  | 186 |
| 4600 | 2.60 | 0.49 | 4.99 | 422 | 2.46 | 2.53 | 2.62 | 97  | 101 |
| 4610 | 1.74 | 0.44 | 3.08 | 428 | 1.36 | 1.72 | 2.07 | 99  | 119 |
| 4620 | 1.13 | 0.52 | 2.10 | 436 | 1.09 | 1.01 | 2.18 | 89  | 193 |
| 4630 | 1.01 | 0.57 | 2.34 | 435 | 1.34 | 1.00 | 1.73 | 99  | 171 |
| 4640 | 1.20 | 0.61 | 2.76 | 436 | 1.68 | 1.08 | 2.02 | 90  | 168 |
| 4645 | 1.05 | 0.65 | 2.99 | 433 | 1.94 | 1.05 | 0.84 | 100 | 80  |

# Esso PCI Home et al Arnak K-06



# Esso PCI Home et al Arnak K-06



# Esso PCI Home et al Arnak K-06

