

Well: Kotaneelee YT I-48 UWI: 300I486010124000**RockEval/TOC report, Organic Geochemistry Laboratory, Geological Survey of Canada - Calgary**

Database Reference: Rock-Eval Data for Canadian Borehole Cuttings, Core and Outcrop Samples

Geoscience Data Repository, Earth Sciences Sector, Natural Resources Canada

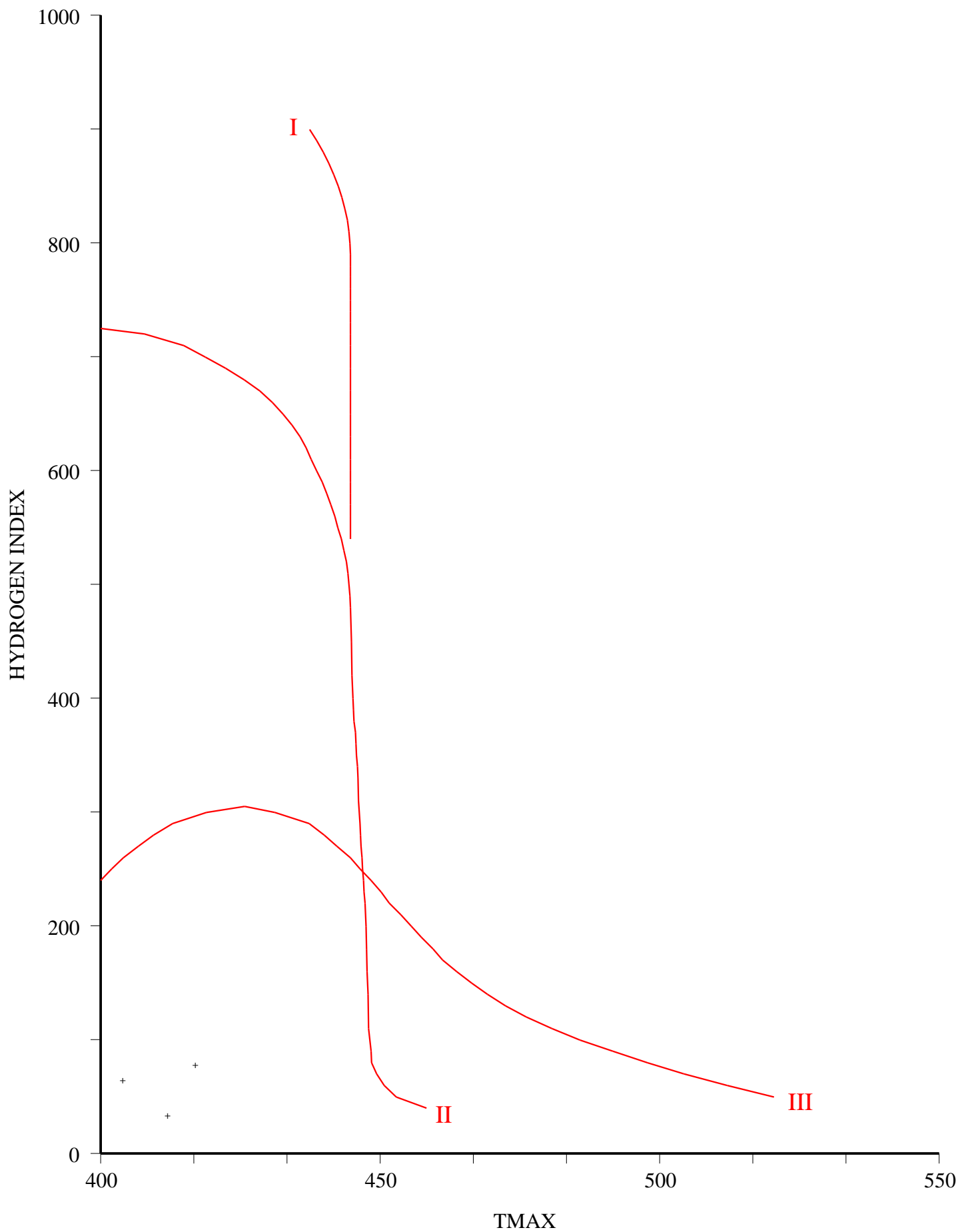
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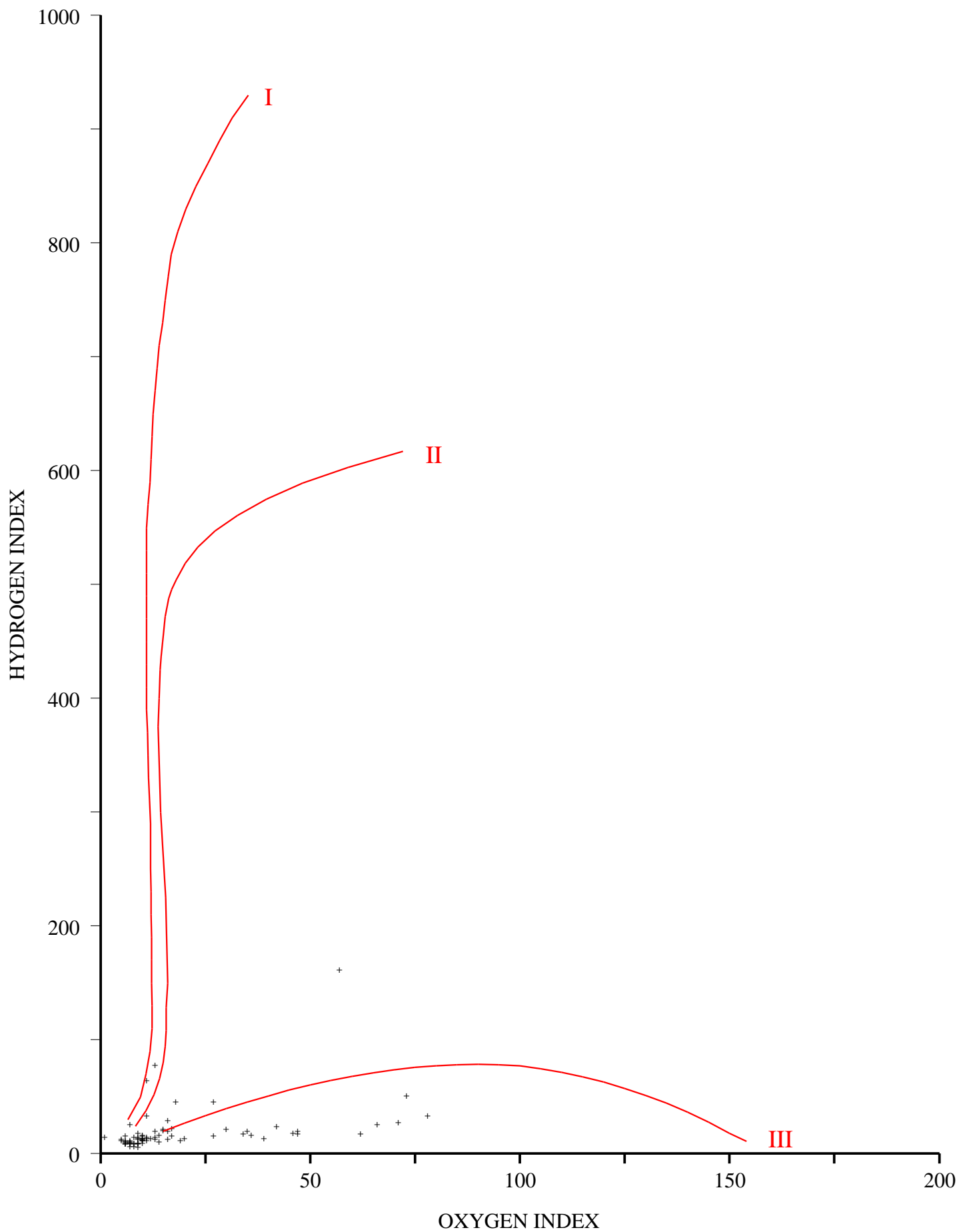
| Depth(m) | TOC | PI | S1+S2 | TMAX | S1 | S2 | S3 | HI | OI |
|----------|------|------|-------|------|------|------|------|-----|----|
| 3177.00 | 1.40 | 0.48 | 1.24 | 337 | 0.60 | 0.64 | 0.25 | 46 | 18 |
| 3183.00 | 2.10 | 0.61 | 1.16 | 312 | 0.71 | 0.45 | 0.31 | 21 | 15 |
| 3189.00 | 2.29 | 0.66 | 0.93 | 311 | 0.61 | 0.32 | 0.28 | 14 | 12 |
| 3195.00 | 2.51 | 0.63 | 0.96 | 313 | 0.60 | 0.36 | 0.27 | 14 | 11 |
| 3201.00 | 2.47 | 0.64 | 0.90 | 308 | 0.58 | 0.32 | 0.32 | 13 | 13 |
| 3207.00 | 1.84 | 0.61 | 0.64 | 308 | 0.39 | 0.25 | 0.36 | 14 | 20 |
| 3213.00 | 1.71 | 0.57 | 0.93 | 314 | 0.53 | 0.40 | 0.29 | 23 | 17 |
| 3219.00 | 2.38 | 0.63 | 0.98 | 309 | 0.62 | 0.36 | 0.32 | 15 | 13 |
| 3225.00 | 3.24 | 0.64 | 1.16 | 304 | 0.74 | 0.42 | 0.34 | 13 | 10 |
| 3231.00 | 3.42 | 0.68 | 1.07 | 303 | 0.73 | 0.34 | 0.35 | 10 | 10 |
| 3237.00 | 3.47 | 0.67 | 1.23 | 303 | 0.82 | 0.41 | 0.38 | 12 | 11 |
| 3243.00 | 3.63 | 0.65 | 1.60 | 308 | 1.04 | 0.56 | 0.03 | 15 | 1 |
| 3249.00 | 3.88 | 0.71 | 1.46 | 301 | 1.04 | 0.42 | 0.29 | 11 | 7 |
| 3255.00 | 3.71 | 0.73 | 1.00 | 298 | 0.73 | 0.27 | 0.26 | 7 | 7 |
| 3261.00 | 4.43 | 0.71 | 1.01 | 302 | 0.72 | 0.29 | 0.37 | 7 | 8 |
| 3267.00 | 5.25 | 0.71 | 1.19 | 299 | 0.85 | 0.34 | 0.47 | 6 | 9 |
| 3273.00 | 5.68 | 0.66 | 1.87 | 317 | 1.24 | 0.63 | 0.40 | 11 | 7 |
| 3279.00 | 5.13 | 0.69 | 1.54 | 305 | 1.07 | 0.47 | 0.33 | 9 | 6 |
| 3285.00 | 4.99 | 0.70 | 1.58 | 303 | 1.11 | 0.47 | 0.33 | 9 | 7 |
| 3291.00 | 5.09 | 0.68 | 2.00 | 319 | 1.35 | 0.65 | 0.27 | 13 | 5 |
| 3297.00 | 5.05 | 0.70 | 2.07 | 301 | 1.45 | 0.62 | 0.23 | 12 | 5 |
| 3303.00 | 4.77 | 0.67 | 1.42 | 304 | 0.95 | 0.47 | 0.30 | 10 | 6 |
| 3309.00 | 4.71 | 0.66 | 1.54 | 312 | 1.02 | 0.52 | 0.27 | 11 | 6 |
| 3315.00 | 4.61 | 0.65 | 1.29 | 316 | 0.84 | 0.45 | 0.30 | 10 | 7 |
| 3321.00 | 4.57 | 0.66 | 1.16 | 307 | 0.76 | 0.40 | 0.37 | 9 | 8 |
| 3327.00 | 3.91 | 0.65 | 1.33 | 307 | 0.87 | 0.46 | 0.24 | 12 | 6 |
| 3333.00 | 3.83 | 0.60 | 1.28 | 317 | 0.77 | 0.51 | 0.35 | 13 | 9 |
| 3339.00 | 2.19 | 0.60 | 0.65 | 334 | 0.39 | 0.26 | 0.41 | 12 | 19 |
| 3345.00 | 0.74 | 0.38 | 0.40 | 349 | 0.15 | 0.25 | 0.58 | 34 | 78 |
| 3351.00 | 0.45 | 0.63 | 0.63 | 303 | 0.40 | 0.23 | 0.33 | 51 | 73 |
| 3357.00 | 0.83 | 0.44 | 0.41 | 323 | 0.18 | 0.23 | 0.59 | 28 | 71 |
| 3363.00 | 0.90 | 0.58 | 0.38 | 320 | 0.22 | 0.16 | 0.56 | 18 | 62 |
| 3369.00 | 1.30 | 0.19 | 2.59 | 344 | 0.48 | 2.11 | 0.74 | 162 | 57 |
| 3375.00 | 1.11 | 0.31 | 0.74 | 360 | 0.23 | 0.51 | 0.30 | 46 | 27 |
| 3381.00 | 1.28 | 0.49 | 0.51 | 332 | 0.25 | 0.26 | 0.20 | 20 | 16 |
| 3387.00 | 1.52 | 0.60 | 0.65 | 310 | 0.39 | 0.26 | 0.21 | 17 | 14 |
| 3393.00 | 1.72 | 0.60 | 0.58 | 314 | 0.35 | 0.23 | 0.27 | 13 | 16 |
| 3399.00 | 1.88 | 0.61 | 0.67 | 310 | 0.41 | 0.26 | 0.17 | 14 | 9 |
| 3411.00 | 2.59 | 0.62 | 0.81 | 307 | 0.50 | 0.31 | 0.25 | 12 | 10 |
| 3417.00 | 3.23 | 0.65 | 0.88 | 303 | 0.57 | 0.31 | 0.29 | 10 | 9 |
| 3423.00 | 3.48 | 0.64 | 0.90 | 309 | 0.58 | 0.32 | 0.30 | 9 | 9 |
| 3429.00 | 3.68 | 0.63 | 1.26 | 304 | 0.80 | 0.46 | 0.25 | 12 | 7 |
| 3435.00 | 3.42 | 0.42 | 1.27 | 389 | 0.53 | 0.74 | 0.52 | 22 | 15 |
| 3441.00 | 3.40 | 0.31 | 3.21 | 404 | 0.99 | 2.22 | 0.36 | 65 | 11 |
| 3447.00 | 3.06 | 0.60 | 0.96 | 313 | 0.58 | 0.38 | 0.32 | 12 | 10 |
| 3453.00 | 2.61 | 0.58 | 0.95 | 308 | 0.55 | 0.40 | 0.30 | 15 | 11 |
| 3459.00 | 2.46 | 0.57 | 1.12 | 329 | 0.64 | 0.48 | 0.32 | 20 | 13 |
| 3465.00 | 2.82 | 0.61 | 1.02 | 313 | 0.62 | 0.40 | 0.27 | 14 | 10 |
| 3471.00 | 2.68 | 0.62 | 0.94 | 308 | 0.58 | 0.36 | 0.28 | 13 | 10 |
| 3477.00 | 2.34 | 0.59 | 0.90 | 323 | 0.53 | 0.37 | 0.23 | 16 | 10 |
| 3483.00 | 1.72 | 0.62 | 0.71 | 311 | 0.44 | 0.27 | 0.29 | 16 | 17 |
| 3489.00 | 0.86 | 0.58 | 0.33 | 312 | 0.19 | 0.14 | 0.23 | 16 | 27 |
| 3495.00 | 0.75 | 0.52 | 0.31 | 319 | 0.16 | 0.15 | 0.26 | 20 | 35 |

| Depth(m) | TOC | PI | S1+S2 | TMAX | S1 | S2 | S3 | HI | OI |
|----------|------|------|-------|------|------|------|------|----|----|
| 3501.00 | 0.64 | 0.54 | 0.24 | 320 | 0.13 | 0.11 | 0.23 | 17 | 36 |
| 3507.00 | 0.79 | 0.50 | 0.30 | 326 | 0.15 | 0.15 | 0.36 | 19 | 46 |
| 3513.00 | 0.66 | 0.50 | 0.24 | 323 | 0.12 | 0.12 | 0.31 | 18 | 47 |
| 3519.00 | 0.35 | 0.40 | 0.15 | 326 | 0.06 | 0.09 | 0.23 | 26 | 66 |
| 3525.00 | 0.80 | 0.42 | 0.31 | 345 | 0.13 | 0.18 | 0.24 | 22 | 30 |
| 3531.00 | 0.63 | 0.37 | 0.30 | 340 | 0.11 | 0.19 | 0.10 | 30 | 16 |
| 3537.00 | 0.59 | 0.48 | 0.23 | 327 | 0.11 | 0.12 | 0.28 | 20 | 47 |
| 3543.00 | 0.61 | 0.52 | 0.23 | 301 | 0.12 | 0.11 | 0.21 | 18 | 34 |
| 3549.00 | 0.55 | 0.41 | 0.22 | 317 | 0.09 | 0.13 | 0.23 | 24 | 42 |
| 3555.00 | 0.76 | 0.48 | 0.21 | 320 | 0.10 | 0.11 | 0.30 | 14 | 39 |
| 3561.00 | 2.94 | 0.52 | 0.66 | 334 | 0.34 | 0.32 | 0.41 | 11 | 14 |
| 3567.00 | 3.92 | 0.54 | 0.90 | 316 | 0.49 | 0.41 | 0.33 | 10 | 8 |
| 3573.00 | 4.19 | 0.43 | 1.29 | 385 | 0.56 | 0.73 | 0.43 | 17 | 10 |
| 3579.00 | 3.79 | 0.55 | 1.23 | 352 | 0.68 | 0.55 | 0.35 | 15 | 9 |
| 3585.00 | 3.33 | 0.54 | 1.09 | 329 | 0.59 | 0.50 | 0.28 | 15 | 8 |
| 3591.00 | 2.83 | 0.54 | 0.87 | 327 | 0.47 | 0.40 | 0.28 | 14 | 10 |
| 3597.00 | 2.84 | 0.58 | 1.10 | 311 | 0.64 | 0.46 | 0.18 | 16 | 6 |
| 3603.00 | 3.02 | 0.59 | 0.70 | 314 | 0.41 | 0.29 | 0.22 | 10 | 7 |
| 3609.00 | 2.31 | 0.56 | 0.64 | 309 | 0.36 | 0.28 | 0.23 | 12 | 10 |
| 3615.00 | 4.21 | 0.60 | 0.92 | 306 | 0.55 | 0.37 | 0.26 | 9 | 6 |
| 3621.00 | 4.48 | 0.58 | 1.13 | 313 | 0.65 | 0.48 | 0.25 | 11 | 6 |
| 3627.00 | 3.87 | 0.46 | 1.88 | 377 | 0.86 | 1.02 | 0.28 | 26 | 7 |
| 3633.00 | 3.89 | 0.38 | 4.89 | 417 | 1.84 | 3.05 | 0.50 | 78 | 13 |
| 3639.00 | 3.93 | 0.43 | 1.29 | 384 | 0.56 | 0.73 | 0.37 | 19 | 9 |
| 3645.00 | 3.75 | 0.34 | 1.91 | 412 | 0.64 | 1.27 | 0.43 | 34 | 11 |
| 3651.00 | 3.36 | 0.37 | 0.56 | 372 | 0.21 | 0.35 | 0.31 | 10 | 9 |

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