```
Core.sample,ChRM Dec,ChRM Inc,Depth (mcd),
Ref03.1,18.442,79.39,0.011,Accepted
Ref03.2,33.692,66.2,0.038,Accepted
Ref03.3,289.342,75.94,0.067,Accepted
Ref03.5,324.722,82.31,0.12,Accepted
Ref03.7,345.362,81.04,0.172,Accepted
Ref03.8,22.692,66.33,0.197,Accepted
Ref03.9,303.062,79.92,0.213,Accepted
Ref03.10,358.272,79.25,0.252,Accepted
Ref03.11,37.282,81.36,0.278,Accepted
Ref03.12,12.192,70.12,0.306,Accepted
Ref03.13,18.062,71.46,0.333,Accepted
Ref03.14,12.612,71.75,0.361,Accepted
Ref03.15,16.882,75.73,0.389,Accepted
Ref03.16,17.302,74.13,0.417,Accepted
Ref03.17,25.742,67.57,0.445,Accepted
Ref03.18,26.162,70.66,0.473,Accepted
Ref03.20,23.802,68.94,0.529,Accepted
Ref03.23,27.782,65.28,0.617,Accepted
Ref03.29,333.412,80.55,0.801,Accepted
Ref03.30,356.952,74.37,0.826,Accepted
Ref03.31,341.312,72.06,0.853,Accepted
Ref03.32,335.602,74.72,0.879,Accepted
Ref03.33,1.782,73.16,0.905,Accepted
Ref03.34,347.872,74.78,0.933,Accepted
Ref03.35,332.072,71.61,0.96,Accepted
Ref03.36,338.782,70.26,0.987,Accepted
Ref03.37,355.392,71.58,1.013,Accepted
Ref03.38,356.212,73.55,1.04,Accepted
Ref03.39,337.142,74.72,1.064,Accepted
Ref03.40,341.712,74.57,1.093,Accepted
Ref03.41,340.422,72.91,1.119,Accepted
Ref03.42,5.432,71.98,1.147,Accepted
Ref03.43,342.162,75.47,1.157,Accepted
Ref03.44,352.832,75.31,1.173,Accepted
Ref03.45,343.092,76.3,1.227,Accepted
Ref03.46,354.852,73.14,1.253,Accepted
Ref03.47,341.412,75.95,1.281,Accepted
Ref03.48,356.322,73.97,1.307,Accepted
Ref03.49,358.592,76.68,1.333,Accepted
Ref03.50,9.892,76.25,1.363,Accepted
Ref03.51,357.122,79.63,1.39,Accepted
Ref03.52,338.692,77.6,1.411,Accepted
Ref03.53,15.732,79.16,1.446,Accepted
Ref03.54,2.702,76.61,1.473,Accepted
Ref03.55,1.662,78.67,1.498,Accepted
Ref03.56,344.582,82.34,1.526,Accepted
Ref03.57,34.642,83.19,1.552,Accepted
Ref03.58,10.642,82.84,1.58,Accepted
Ref03.59,15.302,84.51,1.606,Accepted
Ref03.60,286.252,81.56,1.631,Accepted
Ref03.61,316.982,85.99,1.657,Accepted
Ref03.62,44.302,85.02,1.683,Accepted
Ref03.64,28.492,80,1.74,Accepted
```

```
Ref03.65,37.272,87.97,1.766,Accepted
Ref03.67,23.972,77.84,1.811,Accepted
Ref03.68,25.852,82.07,1.839,Accepted
Ref03.69,46.362,73.13,1.867,Accepted
Ref03.70,18.302,79.41,1.894,Accepted
Ref03.71,325.992,80.89,1.92,Accepted
Ref03.72,5.252,83.26,1.947,Accepted
Ref03.73,332.472,83.73,1.973,Accepted
Ref03.74,359.052,81.32,2,Accepted
Ref03.75,354.622,79.35,2.024,Accepted
Ref03.76,6.642,75.47,2.052,Accepted
Ref03.77,359.972,78.7,2.078,Accepted
Ref03.78,11.342,79.17,2.104,Accepted
Ref03.79,358.562,74.9,2.13,Accepted
Ref03.80,342.462,78.51,2.156,Accepted
Ref03.81,344.222,74.91,2.182,Accepted
Ref03.82,340.662,77.12,2.219,Accepted
Ref03.84,341.002,71.81,2.262,Accepted
Ref03.85,341.582,68.63,2.289,Accepted
Ref03.86,353.582,70.2,2.315,Accepted
Ref03.89,8.952,69.84,2.393,Accepted
Ref03.90,345.422,80.29,2.42,Accepted
Ref03.91,357.882,75.63,2.447,Accepted
Ref03.92,343.042,72.1,2.475,Accepted
Ref03.93,347.982,78.25,2.502,Accepted
Ref03.94,332.822,78.57,2.528,Accepted
Ref03.95,343.792,75.91,2.555,Accepted
Ref03.96,331.482,78.25,2.581,Accepted
Ref03.97,352.142,80.09,2.608,Accepted
Ref03.98,342.142,77.85,2.633,Accepted
Ref03.99,320.712,82.47,2.658,Accepted
Ref03.100,319.222,81.26,2.686,Accepted
Ref03.101,322.002,75.54,2.713,Accepted
Ref03.102,335.552,77.88,2.738,Accepted
Ref03.103,343.232,81.22,2.766,Accepted
Ref03.104,359.402,77.85,2.791,Accepted
Ref03.105,21.392,77.86,2.818,Accepted
Ref03.106,335.442,84.38,2.835,Accepted
Ref03.107,1.312,84.18,2.861,Accepted
Ref03.108,11.542,83.35,2.888,Accepted
Ref03.109,355.482,82.75,2.915,Accepted
Ref03.110,289.132,87.37,2.941,Accepted
Ref03.111,27.342,73.76,2.968,Accepted
Ref03.112,58.822,78.37,2.994,Accepted
Ref04.18,28.3829,81.61,0.454,Accepted
Ref04.19,30.8929,79.11,0.478,Accepted
Ref04.20,11.5529,78.8,0.505,Accepted
Ref04.21,355.9429,77.7,0.531,Accepted
Ref04.22,349.6029,78.23,0.559,Accepted
Ref04.23,359.9029,78.43,0.585,Accepted
Ref04.24,341.0529,78.5,0.612,Accepted
Ref04.25,342.0929,78.37,0.639,Accepted
Ref04.26,5.1029,79.2,0.667,Accepted
Ref04.27,358.2029,79.77,0.694,Accepted
```

```
Ref04.28,357.2229,81.74,0.713,Accepted
Ref04.29,338.8029,82.8,0.745,Accepted
Ref04.30,346.1229,77.71,0.772,Accepted
Ref04.31,345.7529,80.11,0.798,Accepted
Ref04.32,299.7129,79.9,0.821,Accepted
Ref04.33,0.8929,84.2,0.841,Accepted
Ref04.34,11.1329,74.05,0.895,Accepted
Ref04.35,6.7229,78.97,0.921,Accepted
Ref04.36,13.8229,71.48,0.946,Accepted
Ref04.37,21.7629,74.16,0.971,Accepted
Ref04.38,10.2629,75.6,0.996,Accepted
Ref04.39,12.5529,76.17,1.022,Accepted
Ref04.40,28.7629,76.23,1.043,Accepted
Ref04.41,17.8029,75.4,1.074,Accepted
Ref04.42,12.4029,72.88,1.102,Accepted
Ref04.43,16.9129,76.43,1.128,Accepted
Ref04.44,23.6529,76.31,1.153,Accepted
Ref04.45,17.0129,79.01,1.179,Accepted
Ref04.46,23.9929,75.52,1.204,Accepted
Ref04.47,17.4229,77.24,1.229,Accepted
Ref04.49,13.5229,77.21,1.283,Accepted
Ref04.50,9.4629,75.84,1.308,Accepted
Ref04.51,24.4029,79.32,1.335,Accepted
Ref04.52,6.4629,79.55,1.36,Accepted
Ref04.53,6.2229,80.48,1.386,Accepted
Ref04.54,19.6629,79.97,1.411,Accepted
Ref04.55,13.2529,77.02,1.438,Accepted
Ref04.56,19.5529,76.58,1.463,Accepted
Ref04.57,39.3529,77.5,1.488,Accepted
Ref04.58,27.7029,76.6,1.514,Accepted
Ref04.59,16.8629,82.52,1.541,Accepted
Ref04.60,10.0129,85.48,1.568,Accepted
Ref04.61,356.7829,83.52,1.593,Accepted
Ref04.62,37.9929,84.7,1.617,Accepted
Ref04.63,353.2829,86.3,1.643,Accepted
Ref04.64,30.7929,82.51,1.668,Accepted
Ref04.65,358.0729,86.19,1.694,Accepted
Ref04.66,357.2429,83.88,1.72,Accepted
Ref04.67,355.9529,85.99,1.745,Accepted
Ref04.68,344.8529,85.95,1.771,Accepted
Ref04.69,312.2729,84.23,1.796,Accepted
Ref04.71,306.0229,81.6,1.852,Accepted
Ref04.72,345.9729,85.41,1.881,Accepted
Ref04.73,14.1129,83.59,1.907,Accepted
Ref04.74,78.0429,85.04,1.935,Accepted
Ref04.75,27.5129,83,1.961,Accepted
Ref04.76,18.2829,78.92,1.986,Accepted
Ref04.77,3.1229,76.46,2.013,Accepted
Ref04.78,6.9629,75.8,2.04,Accepted
Ref04.79,356.9629,74.11,2.065,Accepted
Ref04.80,17.4429,80.81,2.092,Accepted
Ref04.81,12.6229,75.64,2.118,Accepted
Ref04.83,337.2429,80.21,2.171,Accepted
Ref04.84,349.2829,73.17,2.2,Accepted
```

```
Ref04.85,6.6229,71.99,2.225,Accepted
Ref04.86,355.9229,70.76,2.25,Accepted
Ref04.87,357.4029,70.29,2.277,Accepted
Ref04.88,353.9629,70.62,2.303,Accepted
Ref04.89,335.1829,76.6,2.33,Accepted
Ref04.90,335.9129,71.15,2.357,Accepted
Ref04.91,324.8129,79.8,2.383,Accepted
Ref04.92,329.5029,77.85,2.407,Accepted
Ref04.93,332.1629,78.79,2.435,Accepted
Ref04.94,328.6729,79.41,2.46,Accepted
Ref04.95,322.2229,79.41,2.487,Accepted
Ref04.96,335.2629,78.98,2.515,Accepted
Ref04.97,313.9329,80.23,2.542,Accepted
Ref04.98,330.3429,76.72,2.568,Accepted
Ref04.99,321.3529,80.18,2.595,Accepted
Ref04.100,313.5829,81.23,2.621,Accepted
Ref04.101,323.1129,77.74,2.648,Accepted
Ref04.102,332.5329,77.14,2.675,Accepted
Ref04.103,291.0929,79.8,2.701,Accepted
Ref04.104,301.8129,79.34,2.728,Accepted
Ref04.105,325.3229,74.65,2.755,Accepted
Ref04.106,322.2529,78.07,2.781,Accepted
Ref04.107,325.3629,80.33,2.808,Accepted
Ref04.108,262.0429,85.34,2.834,Accepted
Ref04.109,341.8629,82.61,2.853,Accepted
Ref04.110,7.8729,81.78,2.878,Accepted
Ref04.111,26.9429,87.51,2.904,Accepted
Ref04.112,24.0329,85.54,2.93,Accepted
Ref04.113,58.9729,78.39,2.955,Accepted
Ref04.114,51.6929,81,2.982,Accepted
Ref05.8,43.949,72.3,0.193,Accepted
Ref05.9,32.029,71.91,0.22,Accepted
Ref05.10,359.819,75.79,0.248,Accepted
Ref05.11,12.569,75.69,0.274,Accepted
Ref05.12,11.699,73.3,0.301,Accepted
Ref05.13,21.329,75.55,0.327,Accepted
Ref05.15,357.289,72.1,0.381,Accepted
Ref05.16,358.889,75.66,0.406,Accepted
Ref05.20,10.589,74.94,0.512,Accepted
Ref05.22,5.949,72.66,0.564,Accepted
Ref05.23,359.299,74.22,0.588,Accepted
Ref05.24,340.999,76.48,0.615,Accepted
Ref05.25,357.479,75.48,0.642,Accepted
Ref05.26,5.349,75.39,0.668,Accepted
Ref05.27,359.919,78.49,0.694,Accepted
Ref05.28,351.879,75.61,0.72,Accepted
Ref05.29,349.339,75.93,0.747,Accepted
Ref05.30,359.749,77.29,0.773,Accepted
Ref05.31,15.219,75.67,0.802,Accepted
Ref05.32,343.269,77.15,0.828,Accepted
Ref05.33,359.319,76.58,0.855,Accepted
Ref05.34,341.129,76.57,0.88,Accepted
Ref05.35,357.509,77.35,0.906,Accepted
Ref05.36,358.789,77.13,0.932,Accepted
```

```
Ref05.37,16.189,75.98,0.954,Accepted
Ref05.38,55.569,72,0.986,Accepted
Ref05.40,4.279,70.83,1.036,Accepted
Ref05.41,19.279,67.74,1.062,Accepted
Ref05.42,19.279,70.69,1.088,Accepted
Ref05.44,13.539,71.58,1.142,Accepted
Ref05.46,10.369,70.25,1.194,Accepted
Ref05.47,17.169,71.45,1.222,Accepted
Ref05.48,11.659,73.17,1.249,Accepted
Ref05.49,11.989,72.62,1.275,Accepted
Ref05.50,5.069,72.25,1.3,Accepted
Ref05.51,8.429,72.5,1.327,Accepted
Ref05.52,12.449,72.84,1.352,Accepted
Ref05.53,4.989,76.34,1.38,Accepted
Ref05.54,9.809,75.28,1.407,Accepted
Ref05.55,13.839,74.91,1.435,Accepted
Ref05.56,2.979,74.82,1.462,Accepted
Ref05.57,5.849,74.88,1.491,Accepted
Ref05.58,4.999,77.23,1.516,Accepted
Ref05.59,9.149,78.89,1.54,Accepted
Ref05.60,13.479,80.44,1.567,Accepted
Ref05.61,6.789,79.31,1.593,Accepted
Ref05.62,25.459,78.38,1.623,Accepted
Ref05.63,21.079,75.44,1.648,Accepted
Ref05.64,358.699,85.07,1.676,Accepted
Ref05.65,2.309,81.13,1.703,Accepted
Ref05.66,3.899,83.67,1.729,Accepted
Ref05.67,351.949,83.99,1.755,Accepted
Ref05.68,17.519,82.44,1.781,Accepted
Ref05.69,325.589,82.97,1.807,Accepted
Ref05.70,327.439,82.67,1.833,Accepted
Ref05.71,328.519,79.98,1.861,Accepted
Ref05.72,294.579,76.33,1.888,Accepted
Ref05.73,288.009,82.74,1.914,Accepted
Ref05.74,305.999,81.49,1.94,Accepted
Ref05.75,310.879,82.15,1.967,Accepted
Ref05.76,322.639,82.66,1.992,Accepted
Ref05.77,350.579,82.93,2.016,Accepted
Ref05.78,354.539,81.53,2.032,Accepted
Ref05.79,16.449,79.89,2.058,Accepted
Ref05.80,9.819,82.35,2.094,Accepted
Ref05.81,325.029,78.49,2.11,Accepted
Ref05.82,342.029,76.4,2.136,Accepted
Ref05.83,359.219,75.49,2.163,Accepted
Ref05.84,356.529,74.35,2.189,Accepted
Ref05.85,345.569,75.08,2.216,Accepted
Ref05.86,349.069,73.73,2.241,Accepted
Ref05.87,352.849,72.85,2.266,Accepted
Ref05.88,337.859,72.55,2.293,Accepted
Ref05.89,341.959,71.01,2.318,Accepted
Ref05.90,340.839,68.68,2.344,Accepted
Ref05.91,345.159,68.46,2.371,Accepted
Ref05.92,332.089,64.98,2.396,Accepted
Ref05.93,340.339,71.32,2.424,Accepted
```

```
Ref05.94,321.229,73.26,2.449,Accepted
Ref05.95,328.029,75.85,2.476,Accepted
Ref05.96,325.689,75.33,2.502,Accepted
Ref05.97,316.189,75.58,2.528,Accepted
Ref05.98,322.439,76.91,2.554,Accepted
Ref05.99,325.969,75.34,2.58,Accepted
Ref05.100,327.169,76.15,2.607,Accepted
Ref05.101,333.089,80.25,2.634,Accepted
Ref05.102,323.929,79.06,2.661,Accepted
Ref05.103,309.889,70.97,2.686,Accepted
Ref05.104,311.609,76.3,2.711,Accepted
Ref05.105,320.809,79.26,2.737,Accepted
Ref05.106,315.799,79.55,2.764,Accepted
Ref05.107,322.789,79.95,2.791,Accepted
Ref05.108,307.459,80.01,2.816,Accepted
Ref05.109,308.319,77.72,2.842,Accepted
Ref05.110,303.579,81.4,2.869,Accepted
Ref05.111,323.679,78.87,2.896,Accepted
Ref05.112,342.499,85.99,2.922,Accepted
Ref05.113,46.959,86.17,2.947,Accepted
Ref05.114,339.549,84.9,2.972,Accepted
Ref05.115,13.519,84.43,3,Accepted
```

