*"The data contained herein is based on research pursued for the doctoral thesis of Dipl.-Ing Maximilian Haas, which remains to be completed and defended, in the framework of the CERN Doctoral Student Programme. Participants of the Mining the Future Competition (the "Competition") are permitted to use the data contained herein solely for the purpose of developing their application for the Competition. Any other use of this document or its contents is prohibited. This document shall not be copied, adapted, distributed or otherwise made available for use by third parties."*

| sample_ID | rock_type | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppb | Ni_ppm | Co_ppm | Mn_ppm | Fe_% | As_ppm | U_ppm | Th_ppm | Sr_ppm | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_% | P_% | La_ppm | Cr_ppm | Mg_% | Ba_ppm | Ti_% | Al_% | Na_% | K_% | W_ppm | Zr_ppm | Sn_ppm | Be_ppm | Sc_ppm | S_% | Y_ppm | Ce_ppm | Pr_ppm | Nd_ppm | Sm_ppm | Eu_ppm | Gd_ppm | Tb_ppm | Dy_ppm | Ho_ppm | Er_ppm | Tm_ppm | Yb_ppm | Lu_ppm | Hf_ppm | Li_ppm | Rb_ppm | Ta_ppm | Nb_ppm | Cs_ppm | Ga_ppm | In_ppm | Re_ppm | Se_ppm | Te_ppm | Tl_ppm | SiO2_% | C/ORG_% |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Biollay_middle | siderolithique | 0.35 | 3.10 | 5.41 | 10.90 | <20 | 2.60 | 0.60 | 35.00 | 0.50 | 0.90 | 0.40 | 1.10 | 25.00 | <0.02 | 0.24 | 0.07 | 6.00 | 0.02 | 0.01 | 8.80 | 56.00 | <0.01 | 13.00 | 0.13 | 0.18 | 0.00 | 0.01 | 0.70 | 19.10 | 0.60 | <1 | 0.70 | <0.04 | 1.40 | 17.41 | 1.90 | 5.80 | 0.70 | 0.1 | 0.60 | <0.1 | 0.30 | <0.1 | 0.10 | <0.1 | 0.20 | <0.1 | 0.74 | 5.80 | 0.80 | 0.1 | 3.09 | <0.1 | 1.77 | <0.01 | <0.002 | <0.3 | <0.05 | <0.05 | 98.41 | 0.03 |
| Biollay_right | siderolithique | 0.29 | 2.00 | 5.37 | 14.70 | 29 | 1.20 | 0.40 | 39.00 | 0.50 | 0.80 | 0.30 | 0.90 | 24.00 | <0.02 | 0.23 | 0.08 | 4.00 | 0.04 | 0.00 | 5.50 | 4.00 | <0.01 | 12.00 | 0.10 | 0.15 | 0.00 | 0.01 | 0.60 | 16.40 | 0.50 | <1 | 0.60 | <0.04 | 1.20 | 8.99 | 0.90 | 3.00 | 0.30 | <0.1 | 0.30 | <0.1 | 0.20 | <0.1 | 0.10 | <0.1 | 0.10 | <0.1 | 0.51 | 6.30 | 0.30 | <0.1 | 2.71 | <0.1 | 1.08 | <0.01 | <0.002 | <0.3 | <0.05 | <0.05 | 98.38 | 0.06 |
| C1_01B | marl | 0.43 | 35.50 | 19.44 | 75.00 | 36 | 116.50 | 16.00 | 818.00 | 3.52 | 4.10 | 1.80 | 9.20 | 376.00 | 0.18 | 0.88 | 0.44 | 96.00 | 9.88 | 0.04 | 23.00 | 106.00 | 2.85 | 233.00 | 0.26 | 6.86 | 0.54 | 1.93 | 1.30 | 35.30 | 2.80 | 2 | 11.70 | 0.29 | 14.60 | 44.07 | 5.40 | 20.20 | 3.70 | 0.8 | 3.50 | 0.6 | 3.00 | 0.6 | 1.60 | 0.2 | 1.40 | 0.2 | 1.22 | 51.60 | 113.00 | 0.6 | 7.71 | 8.1 | 14.87 | 0.06 | <0.002 | <0.3 | 0.8 | 0.6 | 38.96 | 0.68 |
| C1_01D | marl | 0.15 | 43.10 | 19.47 | 86.60 | 46 | 175.00 | 27.30 | 1096.00 | 3.37 | 3.50 | 2.00 | 8.70 | 385.00 | 0.2 | 0.43 | 0.42 | 96.00 | 10.90 | 0.03 | 22.30 | 140.00 | 2.93 | 227.00 | 0.27 | 6.54 | 0.60 | 1.74 | 1.10 | 31.20 | 2.30 | 1 | 12.80 | <0.04 | 16.10 | 43.20 | 5.30 | 20.20 | 4.10 | 1 | 3.70 | 0.6 | 3.30 | 0.7 | 1.70 | 0.2 | 1.60 | 0.2 | 1.00 | 51.40 | 100.30 | 0.5 | 7.14 | 6.7 | 14.11 | 0.06 | <0.002 | 0.4 | 1.29 | 0.45 | 38.90 | 0.24 |
| C1_01E | marl | 0.14 | 40.80 | 17.87 | 84.50 | 35 | 180.00 | 28.90 | 1142.00 | 3.33 | 2.30 | 1.70 | 8.00 | 358.00 | 0.21 | 0.46 | 0.41 | 96.00 | 11.01 | 0.03 | 20.30 | 135.00 | 3.26 | 230.00 | 0.25 | 6.61 | 0.56 | 1.80 | 0.90 | 38.20 | 2.10 | 2 | 12.50 | <0.04 | 15.20 | 41.13 | 4.90 | 19.70 | 4.00 | 0.9 | 4.00 | 0.6 | 2.90 | 0.6 | 1.50 | 0.2 | 1.60 | 0.2 | 0.88 | 50.60 | 100.00 | 0.5 | 6.52 | 6.9 | 13.72 | 0.06 | <0.002 | <0.3 | 1.13 | 0.47 | 37.29 | 0.25 |
| C1_01H | marl | 0.41 | 41.80 | 18.98 | 86.20 | 45 | 161.90 | 21.40 | 948.00 | 3.75 | 1.20 | 1.80 | 9.60 | 361.00 | 0.15 | 0.55 | 0.45 | 103.00 | 9.48 | 0.03 | 24.00 | 135.00 | 3.09 | 235.00 | 0.28 | 6.89 | 0.54 | 1.96 | 1.10 | 36.50 | 2.40 | 2 | 13.30 | <0.04 | 15.70 | 44.68 | 5.80 | 21.40 | 4.50 | 0.9 | 3.60 | 0.5 | 3.20 | 0.6 | 1.80 | 0.2 | 1.60 | 0.3 | 1.12 | 54.40 | 108.80 | 0.5 | 7.51 | 7.4 | 14.80 | 0.04 | <0.002 | <0.3 | 0.96 | 0.51 | 39.08 | 0.24 |
| C1_01K | marl | 0.22 | 42.40 | 17.99 | 89.90 | 122 | 151.90 | 21.10 | 1172.00 | 3.90 | 0.70 | 1.60 | 8.60 | 398.00 | 0.18 | 0.47 | 0.40 | 107.00 | 10.24 | 0.04 | 23.00 | 147.00 | 2.66 | 253.00 | 0.27 | 7.31 | 0.59 | 2.29 | 1.20 | 30.90 | 2.80 | 2 | 13.30 | <0.04 | 15.30 | 42.98 | 5.40 | 20.50 | 4.40 | 0.9 | 3.60 | 0.5 | 3.10 | 0.7 | 1.60 | 0.2 | 1.40 | 0.2 | 0.88 | 51.10 | 120.90 | 0.6 | 7.54 | 7.4 | 15.98 | 0.05 | <0.002 | 0.5 | 0.58 | 0.53 | 38.33 | 0.34 |
| C1_01X | marl | 0.25 | 41.80 | 18.47 | 91.20 | 129 | 142.80 | 21.20 | 1062.00 | 3.89 | 1.40 | 1.90 | 8.60 | 400.00 | 0.22 | 0.49 | 0.44 | 107.00 | 9.92 | 0.04 | 22.50 | 150.00 | 2.95 | 315.00 | 0.29 | 7.42 | 0.60 | 2.37 | 1.40 | 35.00 | 3.00 | 2 | 13.60 | <0.04 | 15.60 | 42.72 | 5.70 | 21.00 | 3.70 | 0.9 | 3.70 | 0.5 | 3.20 | 0.6 | 1.70 | 0.3 | 1.70 | 0.2 | 1.05 | 49.70 | 126.30 | 0.6 | 7.77 | 8.1 | 16.49 | 0.05 | <0.002 | <0.3 | 0.79 | 0.56 | 39.02 | 0.20 |
| C1_02A | sandstone | 0.30 | 32.10 | 14.02 | 78.60 | 49 | 156.20 | 22.20 | 1951.00 | 3.32 | 0.60 | 1.20 | 6.00 | 348.00 | 0.15 | 0.38 | 0.26 | 73.00 | 13.22 | 0.05 | 14.70 | 144.00 | 2.75 | 175.00 | 0.21 | 5.28 | 0.67 | 1.32 | 0.70 | 22.90 | 1.50 | 1 | 10.80 | 0.5 | 14.30 | 29.34 | 4.10 | 17.30 | 3.40 | 0.9 | 3.80 | 0.5 | 3.10 | 0.6 | 1.30 | 0.2 | 1.40 | 0.2 | 0.60 | 42.50 | 67.70 | 0.4 | 4.75 | 3.8 | 11.18 | 0.03 | <0.002 | <0.3 | 0.92 | 0.35 | 38.93 | 0.24 |
| C1_02D | sandstone | 0.53 | 32.10 | 13.23 | 73.60 | 51 | 170.50 | 20.90 | 863.00 | 3.24 | 3.00 | 1.10 | 6.10 | 315.00 | 0.11 | 0.45 | 0.25 | 79.00 | 9.03 | 0.05 | 17.00 | 162.00 | 2.58 | 195.00 | 0.22 | 5.61 | 0.82 | 1.37 | 0.80 | 22.80 | 1.60 | 1 | 11.00 | 0.58 | 15.50 | 33.65 | 4.70 | 17.80 | 4.30 | 1.1 | 4.20 | 0.6 | 3.10 | 0.6 | 1.60 | 0.2 | 1.50 | 0.2 | 0.72 | 42.40 | 73.80 | 0.4 | 5.02 | 3.6 | 12.04 | 0.05 | <0.002 | <0.3 | 0.58 | 0.35 | 48.93 | 0.18 |
| C1_02F | sandstone | 1.85 | 25.30 | 14.17 | 71.80 | 68 | 261.20 | 27.70 | 648.00 | 3.18 | 5.70 | 1.20 | 5.60 | 221.00 | 0.08 | 0.23 | 0.23 | 80.00 | 4.82 | 0.03 | 15.60 | 210.00 | 3 | 309.00 | 0.24 | 6.14 | 1.06 | 1.71 | 0.90 | 21.30 | 2.00 | 2 | 11.00 | 0.52 | 10.00 | 28.89 | 3.70 | 14.00 | 3.20 | 0.7 | 2.50 | 0.4 | 1.90 | 0.4 | 1.10 | 0.2 | 1.40 | 0.2 | 0.69 | 42.60 | 87.00 | 0.5 | 6.42 | 3.8 | 12.67 | 0.04 | <0.002 | <0.3 | 0.61 | 0.43 | 57.21 | 0.12 |
| C1_02H | marl | 0.78 | 38.50 | 17.73 | 89.20 | 60 | 153.50 | 20.90 | 784.00 | 3.81 | 6.10 | 2.10 | 9.00 | 367.00 | 0.13 | 0.64 | 0.37 | 121.00 | 7.60 | 0.03 | 22.50 | 138.00 | 3.36 | 287.00 | 0.30 | 7.94 | 0.57 | 2.37 | 1.30 | 35.80 | 3.10 | 2 | 14.30 | 0.99 | 14.80 | 41.75 | 5.20 | 20.10 | 4.60 | 0.9 | 3.60 | 0.5 | 2.80 | 0.6 | 1.60 | 0.2 | 1.50 | 0.2 | 1.16 | 54.80 | 130.10 | 0.6 | 8.50 | 9.4 | 17.72 | 0.06 | <0.002 | 0.6 | 0.62 | 0.63 | 40.89 | 0.20 |
| C1_03B | marl | 0.95 | 30.30 | 14.96 | 68.40 | 71 | 117.20 | 17.70 | 859.00 | 2.86 | 6.50 | 1.40 | 7.10 | 305.00 | 0.12 | 0.41 | 0.24 | 77.00 | 10.48 | 0.04 | 20.50 | 123.00 | 2.17 | 259.00 | 0.23 | 5.54 | 0.64 | 1.55 | 1.00 | 26.60 | 1.70 | 2 | 9.80 | <0.04 | 14.20 | 42.12 | 5.00 | 18.70 | 3.70 | 0.9 | 3.60 | 0.5 | 2.90 | 0.5 | 1.40 | 0.3 | 1.30 | 0.2 | 0.92 | 43.40 | 84.80 | 0.4 | 5.65 | 4.9 | 11.64 | 0.02 | <0.002 | <0.3 | 0.76 | 0.41 | 44.95 | 0.16 |
| C1_04A | siltstone | 0.74 | 29.70 | 12.74 | 70.10 | 206 | 138.80 | 17.80 | 1419.00 | 3.01 | 5.40 | 1.40 | 6.20 | 361.00 | 0.15 | 0.44 | 0.21 | 73.00 | 12.62 | 0.05 | 17.20 | 139.00 | 2.1 | 191.00 | 0.21 | 5.20 | 0.63 | 1.33 | 0.70 | 21.20 | 1.50 | 1 | 9.70 | 0.37 | 15.40 | 33.96 | 4.50 | 17.00 | 3.80 | 1 | 4.10 | 0.6 | 3.20 | 1.1 | 1.60 | 0.2 | 1.40 | 0.2 | 0.92 | 42.50 | 70.10 | 0.4 | 5.09 | 3.9 | 10.90 | 0.03 | 0.002 | 0.7 | 1.17 | 0.33 | 40.47 | 0.30 |
| C1_04E | sandstone | 0.08 | 32.80 | 15.93 | 80.20 | 43 | 135.80 | 19.80 | 988.00 | 3.56 |  | 1.20 | 7.40 | 319.00 | 0.11 | 0.45 | 0.26 | 89.00 | 10.56 | 0.04 | 17.30 | 135.00 | 2.51 | 224.00 | 0.24 | 6.33 | 0.61 | 1.62 | 0.80 | 22.90 | 2.00 | 2 | 11.50 | 0.13 | 14.10 | 33.72 | 4.70 | 18.30 | 4.40 | 1 | 3.70 | 0.6 | 2.80 | 0.6 | 1.50 | 0.2 | 1.40 | 0.2 | 0.70 | 46.50 | 91.70 | 0.4 | 5.99 | 5.8 | 13.61 | 0.06 | <0.002 | <0.3 | 1.05 | 0.45 | 40.96 | 0.21 |
| C1_05A | sandstone | 0.29 | 30.80 | 11.32 | 66.80 | 25 | 179.70 | 20.70 | 885.00 | 3.11 | 2.50 | 1.00 | 5.70 | 314.00 | 0.09 | 0.30 | 0.20 | 75.00 | 9.57 | 0.05 | 17.20 | 187.00 | 2.59 | 190.00 | 0.23 | 5.18 | 0.74 | 1.24 | 0.60 | 22.20 | 1.60 | 2 | 10.80 | <0.04 | 14.60 | 33.66 | 4.50 | 18.90 | 4.40 | 0.9 | 3.80 | 0.6 | 3.10 | 0.6 | 1.50 | 0.2 | 1.30 | 0.2 | 0.76 | 40.20 | 71.90 | 0.4 | 4.61 | 4 | 11.25 | 0.03 | <0.002 | <0.3 | 0.87 | 0.35 | 46.60 | 0.26 |
| C1_06D | sandstone | 0.21 | 24.10 | 11.03 | 67.30 | 26 | 147.70 | 20.30 | 799.00 | 3.10 | 1.10 | 0.70 | 5.30 | 276.00 | 0.11 | 0.25 | 0.14 | 69.00 | 8.10 | 0.04 | 17.90 | 167.00 | 2.36 | 225.00 | 0.21 | 5.45 | 0.87 | 1.33 | 0.60 | 14.30 | 1.40 | 2 | 10.30 | 0.09 | 13.10 | 34.34 | 4.70 | 22.80 | 4.60 | 1.1 | 3.80 | 0.6 | 2.90 | 0.5 | 1.50 | 0.2 | 1.20 | 0.1 | 0.63 | 38.30 | 72.10 | 0.3 | 4.71 | 3 | 11.85 | 0.04 | <0.002 | <0.3 | 0.68 | 0.35 | 52.02 | 0.30 |
| C1_07A | marl | 0.33 | 69.90 | 20.97 | 123.90 | 60 | 221.50 | 31.30 | 401.00 | 5.18 | 3.70 | 1.40 | 4.60 | 189.00 | 0.1 | 0.69 | 0.46 | 166.00 | 1.49 | 0.03 | 9.00 | 275.00 | 2.76 | 332.00 | 0.28 | 8.56 | 0.57 | 3.55 | 1.00 | 30.40 | 4.10 | 3 | 17.10 | <0.04 | 8.80 | 19.43 | 2.60 | 10.00 | 2.20 | 0.5 | 2.00 | 0.3 | 1.80 | 0.4 | 1.20 | 0.2 | 1.20 | 0.2 | 0.99 | 57.80 | 108.80 | 0.6 | 7.68 | 10.6 | 24.65 | 0.09 | <0.002 | <0.3 | 0.11 | 0.91 | 48.42 | 0.12 |
| C1_08C | sandstone | 2.75 | 21.50 | 10.71 | 62.30 | 83 | 158.00 | 17.50 | 664.00 | 3.13 | 5.20 | 0.90 | 5.50 | 265.00 | 0.05 | 0.30 | 0.15 | 73.00 | 5.66 | 0.04 | 16.60 | 176.00 | 2.45 | 555.00 | 0.24 | 5.46 | 1.11 | 1.40 | 0.60 | 15.80 | 1.60 | 2 | 10.10 | 0.4 | 11.00 | 32.56 | 4.30 | 15.90 | 3.90 | 0.8 | 3.10 | 0.5 | 2.60 | 0.4 | 1.10 | 0.1 | 1.10 | 0.2 | 0.49 | 36.20 | 66.30 | 0.4 | 4.71 | 2.6 | 11.07 | 0.04 | 0.003 | <0.3 | 0.57 | 0.32 | 56.89 | 0.08 |
| C1_09A | marl | 0.90 | 45.20 | 20.46 | 86.10 | 51 | 149.10 | 21.00 | 1053.00 | 3.43 | 3.80 | 1.80 | 8.30 | 407.00 | 0.15 | 0.55 | 0.36 | 101.00 | 10.03 | 0.03 | 21.20 | 116.00 | 2.76 | 228.00 | 0.26 | 6.58 | 0.49 | 1.72 | 1.10 | 30.90 | 2.60 | 2 | 12.10 | 0.99 | 15.30 | 38.61 | 4.90 | 18.60 | 4.00 | 1 | 3.50 | 0.6 | 3.30 | 0.6 | 1.70 | 0.2 | 1.40 | 0.2 | 0.92 | 49.30 | 105.70 | 0.5 | 7.54 | 7.2 | 15.24 | 0.05 | 0.002 | <0.3 | 1.01 | 0.63 | 40.12 | 0.28 |
| C1_09B | marl | 1.36 | 31.10 | 15.94 | 85.20 | 28 | 144.20 | 18.90 | 874.00 | 3.30 | 2.30 | 1.50 | 7.90 | 369.00 | 0.08 | 0.24 | 0.32 | 87.00 | 8.82 | 0.04 | 20.50 | 130.00 | 3.05 | 203.00 | 0.27 | 6.00 | 0.64 | 1.57 | 1.10 | 29.60 | 2.30 | 1 | 11.70 | 0.48 | 15.30 | 40.04 | 5.20 | 19.80 | 4.50 | 0.9 | 3.90 | 0.5 | 3.10 | 0.6 | 1.50 | 0.2 | 1.30 | 0.2 | 1.02 | 46.30 | 89.70 | 0.5 | 7.21 | 5.6 | 13.21 | 0.03 | <0.002 | <0.3 | 0.99 | 0.45 | 44.20 | 0.27 |
| C1_10A | siltstone | 0.87 | 36.00 | 15.70 | 73.60 | 44 | 134.40 | 19.30 | 1009.00 | 3.26 | 3.20 | 2.30 | 7.70 | 421.00 | 0.15 | 0.49 | 0.28 | 91.00 | 10.60 | 0.03 | 26.20 | 128.00 | 3.02 | 209.00 | 0.23 | 6.03 | 0.57 | 1.68 | 1.10 | 29.70 | 2.20 | 2 | 11.00 | 0.74 | 14.70 | 36.40 | 5.70 | 18.00 | 3.70 | 0.8 | 3.50 | 0.5 | 2.90 | 0.6 | 1.60 | 0.2 | 1.30 | 0.2 | 0.88 | 46.50 | 95.80 | 0.5 | 6.67 | 6.2 | 13.33 | 0.04 | <0.002 | <0.3 | 0.71 | 0.46 | 40.04 | 0.28 |
| C1_11A | marl | 0.23 | 41.50 | 16.96 | 93.40 | 58 | 161.00 | 22.00 | 978.00 | 3.85 | 1.20 | 1.40 | 8.60 | 331.00 | 0.09 | 0.44 | 0.29 | 94.00 | 8.28 | 0.04 | 24.60 | 143.00 | 2.74 | 233.00 | 0.28 | 6.63 | 0.68 | 1.89 | 1.20 | 33.70 | 2.30 | 1 | 12.00 | <0.04 | 16.50 | 45.98 | 6.10 | 22.00 | 4.70 | 0.9 | 4.00 | 0.6 | 3.30 | 0.6 | 1.80 | 0.3 | 1.50 | 0.3 | 1.41 | 48.90 | 103.50 | 0.6 | 7.75 | 6.4 | 15.37 | 0.05 | <0.002 | <0.3 | 0.76 | 0.48 | 44.54 | 0.23 |
| C1_12A | siltstone | 3.63 | 41.30 | 19.81 | 99.30 | 109 | 138.40 | 17.60 | 343.00 | 3.83 | 10.50 | 1.60 | 9.40 | 205.00 | 0.04 | 0.50 | 0.28 | 97.00 | 1.81 | 0.06 | 22.10 | 205.00 | 2.1 | 295.00 | 0.31 | 6.98 | 1.00 | 2.02 | 1.20 | 36.40 | 2.90 | 2 | 13.60 | 0.59 | 14.00 | 45.25 | 5.90 | 21.70 | 4.40 | 1 | 3.90 | 0.6 | 3.10 | 0.6 | 1.60 | 0.3 | 1.40 | 0.2 | 1.09 | 51.70 | 113.10 | 0.6 | 8.26 | 6.5 | 16.34 | 0.06 | 0.003 | 0.7 | 0.08 | 0.57 | 61.90 | 0.15 |
| C1_12D | sandstone | 0.34 | 23.10 | 12.62 | 63.70 | 21 | 227.80 | 21.30 | 627.00 | 3.15 | 0.90 | 0.90 | 5.40 | 271.00 | 0.06 | 0.22 | 0.13 | 74.00 | 5.59 | 0.03 | 16.20 | 193.00 | 3.3 | 271.00 | 0.24 | 5.76 | 1.10 | 1.56 | 0.70 | 20.60 | 2.00 | 1 | 10.10 | 0.19 | 11.70 | 31.83 | 4.10 | 16.10 | 3.30 | 0.7 | 2.90 | 0.4 | 2.10 | 0.5 | 1.30 | 0.2 | 1.20 | 0.2 | 0.63 | 38.90 | 79.40 | 0.4 | 5.88 | 3.3 | 12.26 | 0.04 | <0.002 | <0.3 | 0.69 | 0.43 | 55.21 | 0.17 |
| C1_13A | sandstone | 0.24 | 21.20 | 12.21 | 66.90 | 42 | 255.20 | 24.90 | 586.00 | 3.28 | 2.70 | 0.90 | 5.70 | 262.00 | 0.05 | 0.26 | 0.11 | 75.00 | 4.81 | 0.04 | 17.50 | 271.00 | 3.69 | 268.00 | 0.26 | 5.76 | 1.19 | 1.48 | 0.70 | 25.70 | 2.00 | 2 | 10.70 | 0.08 | 11.40 | 32.85 | 4.40 | 16.50 | 3.70 | 0.8 | 2.80 | 0.4 | 2.30 | 0.5 | 1.20 | 0.1 | 1.20 | 0.1 | 0.62 | 39.00 | 75.20 | 0.4 | 5.56 | 2.8 | 12.10 | 0.05 | 0.004 | <0.3 | 0.52 | 0.35 | 56.28 | 0.45 |
| C1_14A | sandstone | 0.15 | 36.80 | 17.72 | 82.70 | 54 | 129.70 | 19.70 | 935.00 | 3.35 | 0.50 | 1.60 | 8.60 | 359.00 | 0.14 | 0.36 | 0.31 | 91.00 | 8.67 | 0.04 | 25.10 | 128.00 | 2.9 | 237.00 | 0.26 | 6.43 | 0.72 | 1.68 | 1.20 | 32.00 | 2.70 | 2 | 11.60 | <0.04 | 17.30 | 46.91 | 5.90 | 23.20 | 4.80 | 1 | 4.50 | 0.7 | 3.30 | 0.6 | 2.00 | 0.2 | 1.80 | 0.2 | 1.01 | 48.20 | 98.00 | 0.6 | 7.99 | 6.2 | 14.57 | 0.04 | <0.002 | <0.3 | 0.7 | 0.45 | 44.02 | 0.29 |
| C1_15A | sandstone | 0.24 | 51.50 | 24.35 | 111.20 | 40 | 238.40 | 30.30 | 526.00 | 4.84 | 15.70 | 1.20 | 5.90 | 181.00 | 0.05 | 0.88 | 0.44 | 157.00 | 2.03 | 0.03 | 11.90 | 212.00 | 3.15 | 321.00 | 0.32 | 8.20 | 0.66 | 2.95 | 1.40 | 31.70 | 3.80 | 3 | 15.40 | 0.2 | 11.00 | 24.74 | 3.40 | 12.40 | 2.70 | 0.6 | 2.90 | 0.4 | 2.70 | 0.6 | 1.50 | 0.2 | 1.50 | 0.2 | 0.97 | 59.20 | 94.80 | 0.6 | 8.72 | 9.8 | 23.87 | 0.09 | <0.002 | 0.8 | 0.23 | 0.87 | 49.44 | 0.17 |