

Table DR1. Zircon chemical abrasion IDTIMS U-Pb isotopic data

| Compositional Parameters | | | | | | | Radiogenic Isotope Ratios | | | | | | | Isotopic Ages | | | | | | |
|---|---|---------------------------------|--------------------------|---------------------|-----------------|-------------------|---------------------------|-------------------|-------------------|---------|-------------------|-------------------|-------|---------------|-------------------|------|-------------------|------|-------------------|------|
| Sample | Th | ²⁰⁶ Pb/ ^U | mol % ²⁰⁶ Pb* | Pb*/Pb _c | Pb _c | ²⁰⁶ Pb | ²⁰⁶ Pb | ²⁰⁷ Pb | ²⁰⁷ Pb | % err | ²⁰⁷ Pb | ²⁰⁶ Pb | % err | corr. | ²⁰⁷ Pb | ± | ²⁰⁷ Pb | ± | ²⁰⁶ Pb | ± |
| (a) | (b) | (c) | (c) | (c) | (pg) | (d) | (e) | (e) | (e) | (f) | (e) | (e) | (f) | (f) | (g) | (f) | (g) | (f) | (g) | (f) |
| PRI | Partridge River intrusion (Duluth Complex layered series) | | | | | | | | | | | | | | | | | | | |
| z2 | 0.665 | 20.7388 | 0.9995 | 599 | 0.91 | 34763 | 0.201 | 0.0761152 | 0.042 | 1.94565 | 0.084 | 0.185393 | 0.045 | 0.967 | 1098.10 | 0.84 | 1096.95 | 0.56 | 1096.37 | 0.45 |
| z5 | 0.795 | 15.3708 | 0.9993 | 470 | 0.89 | 26480 | 0.241 | 0.0760872 | 0.042 | 1.94489 | 0.084 | 0.185388 | 0.045 | 0.974 | 1097.37 | 0.84 | 1096.68 | 0.56 | 1096.34 | 0.45 |
| z1 | 0.714 | 21.4970 | 0.9992 | 415 | 1.38 | 23809 | 0.216 | 0.0760841 | 0.043 | 1.94467 | 0.085 | 0.185375 | 0.046 | 0.959 | 1097.29 | 0.87 | 1096.61 | 0.57 | 1096.27 | 0.46 |
| z6 | 0.624 | 12.4836 | 0.9992 | 392 | 0.83 | 22979 | 0.189 | 0.0760958 | 0.039 | 1.94459 | 0.083 | 0.185339 | 0.045 | 0.991 | 1097.59 | 0.78 | 1096.58 | 0.56 | 1096.08 | 0.46 |
| z4 | 0.610 | 11.0228 | 0.9988 | 272 | 1.05 | 15998 | 0.185 | 0.0761063 | 0.045 | 1.94483 | 0.087 | 0.185336 | 0.046 | 0.952 | 1097.87 | 0.91 | 1096.66 | 0.59 | 1096.06 | 0.47 |
| z3 | 0.669 | 4.5808 | 0.9983 | 192 | 0.63 | 11152 | 0.203 | 0.0761323 | 0.055 | 1.94542 | 0.094 | 0.185329 | 0.048 | 0.898 | 1098.55 | 1.11 | 1096.87 | 0.63 | 1096.02 | 0.48 |
| weighted mean 206Pb/238U age = 1096.19 ± 0.19 (0.36) [1.15] Ma (2s); MSWD = 0.45 (n=6) | | | | | | | | | | | | | | | | | | | | |
| FC-4b | Forest Center anorthosite (Duluth Complex anorthosite series) | | | | | | | | | | | | | | | | | | | |
| z8 | 0.775 | 25.2049 | 0.9996 | 894 | 0.76 | 50552 | 0.235 | 0.0760449 | 0.041 | 1.94440 | 0.084 | 0.185445 | 0.047 | 0.966 | 1096.25 | 0.82 | 1096.52 | 0.56 | 1096.65 | 0.47 |
| z9 | 0.708 | 1.9147 | 0.9951 | 65 | 0.78 | 3759 | 0.214 | 0.0759136 | 0.093 | 1.93976 | 0.140 | 0.185322 | 0.073 | 0.794 | 1092.79 | 1.87 | 1094.92 | 0.94 | 1095.98 | 0.73 |
| z10 | 0.732 | 8.7414 | 0.9986 | 233 | 1.01 | 13304 | 0.222 | 0.0760627 | 0.047 | 1.94330 | 0.089 | 0.185297 | 0.047 | 0.946 | 1096.72 | 0.94 | 1096.14 | 0.60 | 1095.85 | 0.47 |
| z2 | 0.686 | 30.2158 | 0.9996 | 721 | 1.11 | 41626 | 0.208 | 0.0761076 | 0.041 | 1.94443 | 0.084 | 0.185295 | 0.046 | 0.968 | 1097.90 | 0.82 | 1096.53 | 0.56 | 1095.84 | 0.47 |
| z4 | 0.705 | 20.9839 | 0.9995 | 610 | 0.92 | 35079 | 0.214 | 0.0761032 | 0.042 | 1.94413 | 0.085 | 0.185277 | 0.047 | 0.963 | 1097.79 | 0.83 | 1096.42 | 0.57 | 1095.74 | 0.48 |
| z11 | 0.716 | 11.7511 | 0.9989 | 288 | 1.09 | 16503 | 0.217 | 0.0760929 | 0.045 | 1.94376 | 0.087 | 0.185266 | 0.046 | 0.954 | 1097.51 | 0.90 | 1096.30 | 0.58 | 1095.68 | 0.47 |
| z3 | 0.637 | 48.5088 | 0.9998 | 1280 | 0.99 | 74775 | 0.193 | 0.0761148 | 0.040 | 1.94431 | 0.086 | 0.185265 | 0.051 | 0.957 | 1098.09 | 0.81 | 1096.48 | 0.58 | 1095.68 | 0.51 |
| z1 | 0.630 | 18.1802 | 0.9994 | 548 | 0.87 | 32063 | 0.191 | 0.0760777 | 0.042 | 1.94321 | 0.084 | 0.185251 | 0.045 | 0.969 | 1097.12 | 0.84 | 1096.11 | 0.56 | 1095.60 | 0.46 |
| z6 | 0.659 | 12.0405 | 0.9992 | 397 | 0.80 | 23077 | 0.199 | 0.0760863 | 0.044 | 1.94314 | 0.086 | 0.185223 | 0.047 | 0.955 | 1097.34 | 0.87 | 1096.08 | 0.58 | 1095.45 | 0.48 |
| z5 | 0.467 | 9.6852 | 0.9988 | 256 | 0.95 | 15587 | 0.141 | 0.0761585 | 0.046 | 1.94327 | 0.088 | 0.185060 | 0.046 | 0.952 | 1099.24 | 0.92 | 1096.13 | 0.59 | 1094.56 | 0.47 |
| weighted mean 206Pb/238U age = 1095.71 ± 0.17 (0.35) [1.14] Ma (2s); MSWD = 0.38 (n=8) | | | | | | | | | | | | | | | | | | | | |
| FC-1 | Forest Center anorthosite (Duluth Complex anorthosite series) | | | | | | | | | | | | | | | | | | | |
| z21 | 0.347 | 89.3479 | 0.9999 | 4055 | 0.54 | 254586 | 0.105 | 0.0761142 | 0.040 | 1.94544 | 0.086 | 0.185375 | 0.051 | 0.958 | 1098.08 | 0.80 | 1096.87 | 0.58 | 1096.27 | 0.51 |
| z23 | 1.362 | 38.6752 | 0.9998 | 1969 | 0.60 | 97907 | 0.412 | 0.0761283 | 0.040 | 1.94564 | 0.086 | 0.185360 | 0.050 | 0.959 | 1098.45 | 0.81 | 1096.95 | 0.57 | 1096.19 | 0.51 |
| z22 | 0.614 | 135.1333 | 1.0000 | 8332 | 0.42 | 489236 | 0.186 | 0.0760948 | 0.040 | 1.94434 | 0.086 | 0.185317 | 0.051 | 0.958 | 1097.56 | 0.80 | 1096.50 | 0.57 | 1095.96 | 0.51 |
| z26 | 1.443 | 63.5688 | 0.9999 | 4620 | 0.43 | 225979 | 0.437 | 0.0761149 | 0.040 | 1.94485 | 0.084 | 0.185317 | 0.048 | 0.965 | 1098.09 | 0.80 | 1096.67 | 0.56 | 1095.96 | 0.48 |
| z20 | 1.508 | 98.5654 | 0.9999 | 4740 | 0.66 | 228892 | 0.457 | 0.0761327 | 0.040 | 1.94529 | 0.093 | 0.185315 | 0.062 | 0.944 | 1098.56 | 0.80 | 1096.82 | 0.62 | 1095.95 | 0.63 |
| z25 | 0.684 | 41.1099 | 0.9998 | 2139 | 0.51 | 123514 | 0.207 | 0.0761295 | 0.040 | 1.94493 | 0.083 | 0.185289 | 0.046 | 0.970 | 1098.48 | 0.80 | 1096.70 | 0.56 | 1095.81 | 0.47 |
| z19 | 0.715 | 125.9011 | 0.9999 | 5523 | 0.61 | 316609 | 0.217 | 0.0761253 | 0.040 | 1.94446 | 0.085 | 0.185255 | 0.049 | 0.961 | 1098.37 | 0.80 | 1096.54 | 0.57 | 1095.62 | 0.50 |
| z27 | 0.547 | 56.2585 | 0.9998 | 1614 | 0.89 | 96360 | 0.166 | 0.0761425 | 0.040 | 1.94490 | 0.084 | 0.185254 | 0.047 | 0.968 | 1098.82 | 0.81 | 1096.69 | 0.56 | 1095.62 | 0.47 |
| z18 | 1.414 | 46.2410 | 0.9998 | 1865 | 0.77 | 91792 | 0.428 | 0.0761037 | 0.040 | 1.94366 | 0.084 | 0.185230 | 0.048 | 0.965 | 1097.80 | 0.81 | 1096.26 | 0.57 | 1095.49 | 0.48 |
| z24 | 1.439 | 92.3175 | 0.9999 | 6768 | 0.43 | 331313 | 0.436 | 0.0761075 | 0.040 | 1.94349 | 0.085 | 0.185206 | 0.049 | 0.962 | 1097.90 | 0.80 | 1096.20 | 0.57 | 1095.35 | 0.50 |
| weighted mean 206Pb/238U age = 1095.81 ± 0.16 (0.34) [1.14] Ma (2s); MSWD = 1.44 (n=10) | | | | | | | | | | | | | | | | | | | | |
| BEI | Bald Eagle intrusion (Duluth Complex layered series) | | | | | | | | | | | | | | | | | | | |
| z4 | 0.681 | 16.1663 | 0.9991 | 341.8 | 1.25 | 19772 | 0.206 | 0.0760969 | 0.044 | 1.94481 | 0.085 | 0.185357 | 0.044 | 0.966 | 1097.62 | 0.87 | 1096.66 | 0.57 | 1096.17 | 0.45 |
| z6a | 0.649 | 30.1146 | 0.9997 | 914 | 0.86 | 53261 | 0.197 | 0.0760783 | 0.045 | 1.94407 | 0.085 | 0.185332 | 0.045 | 0.942 | 1097.13 | 0.91 | 1096.40 | 0.57 | 1096.04 | 0.46 |
| z6b | 0.841 | 24.9060 | 0.9996 | 803 | 0.85 | 44740 | 0.255 | 0.0760813 | 0.039 | 1.94401 | 0.084 | 0.185319 | 0.048 | 0.974 | 1097.21 | 0.79 | 1096.38 | 0.56 | 1095.97 | 0.48 |
| z5 | 0.652 | 4.7525 | 0.9983 | 186 | 0.67 | 10867 | 0.197 | 0.0760617 | 0.050 | 1.94340 | 0.090 | 0.185308 | 0.046 | 0.942 | 1096.70 | 0.99 | 1096.17 | 0.61 | 1095.91 | 0.46 |
| z3 | 0.576 | 6.7271 | 0.9982 | 178 | 0.97 | 10592 | 0.174 | 0.0761041 | 0.052 | 1.94433 | 0.091 | 0.185294 | 0.046 | 0.928 | 1097.81 | 1.04 | 1096.49 | 0.61 | 1095.83 | 0.46 |
| z1 | 0.523 | 5.9782 | 0.9981 | 159 | 0.96 | 9575 | 0.158 | 0.0761187 | 0.054 | 1.94367 | 0.095 | 0.185195 | 0.050 | 0.912 | 1098.19 | 1.07 | 1096.26 | 0.64 | 1095.29 | 0.50 |
| weighted mean 206Pb/238U age = 1095.89 ± 0.19 (0.36) [1.15] Ma (2s); MSWD = 1.59 (n=6) | | | | | | | | | | | | | | | | | | | | |
| HCT | Houghtaling Creek troctolite (Beaver Bay Complex) | | | | | | | | | | | | | | | | | | | |
| z7 | 0.765 | 11.6934 | 0.9978 | 149 | 2.12 | 8437 | 0.232 | 0.0761478 | 0.055 | 1.94513 | 0.094 | 0.185263 | 0.046 | 0.920 | 1098.96 | 1.10 | 1096.77 | 0.63 | 1095.66 | 0.47 |
| z6 | 0.666 | 4.7620 | 0.9968 | 101 | 1.24 | 5877 | 0.202 | 0.0760881 | 0.067 | 1.94350 | 0.106 | 0.185254 | 0.051 | 0.870 | 1097.39 | 1.34 | 1096.21 | 0.71 | 1095.61 | 0.52 |
| z1 | 0.396 | 3.7022 | 0.9945 | 54 | 1.68 | 3382 | 0.120 | 0.0760085 | 0.099 | 1.94086 | 0.139 | 0.185196 | 0.060 | 0.784 | 1095.29 | 1.98 | 1095.30 | 0.93 | 1095.30 | 0.60 |
| z10 | 0.719 | 3.5063 | 0.9965 | 94 | 1.00 | 5380 | 0.218 | 0.0761151 | 0.069 | 1.94320 | 0.108 | 0.185159 | 0.051 | 0.865 | 1098.10 | 1.39 | 1096.10 | 0.73 | 1095.10 | 0.51 |
| z4 | 1.566 | 1.3175 | 0.9876 | 31 | 1.36 | 1502 | 0.474 | 0.0760216 | 0.210 | 1.93975 | 0.256 | 0.185058 | 0.083 | 0.671 | 1095.64 | 4.19 | 1094.91 | 1.71 | 1094.55 | 0.83 |
| z9 | 1.053 | 4.8694 | 0.9980 | 173 | 0.81 | 9209 | 0.319 | 0.0760857 | 0.054 | 1.94068 | 0.094 | 0.184991 | 0.048 | 0.920 | 1097.33 | 1.07 | 1095.23 | 0.63 | 1094.18 | 0.48 |
| z12 | 1.398 | 4.7973 | 0.9977 | 167 | 0.89 | 8245 | 0.424 | 0.0760778 | 0.057 | 1.93986 | 0.098 | 0.184932 | 0.050 | 0.902 | 1097.12 | 1.14 | 1094.95 | 0.66 | 1093.86 | 0.50 |
| z11 | 0.687 | 2.1862 | 0.9947 | 61 | 0.95 | 3536 | 0.208 | 0.0760543 | 0.096 | 1.93912 | 0.135 | 0.184918 | 0.056 | 0.792 | 1096.50 | 1.93 | 1094.69 | 0.90 | 1093.79 | 0.57 |
| z14 | 0.404 | 1.0610 | 0.9951 | 61 | 0.43 | 3817 | 0.122 | 0.0760529 | 0.086 | 1.93884 | 0.233 | 0.184895 | 0.202 | 0.932 | 1096.46 | 1.71 | 1094.60 | 1.56 | 1093.66 | 2.04 |
| z8 | 2.079 | 1.5846 | 0.9926 | 57 | 0.97 | 2508 | 0.630 | 0.0761335 | 0.128 | 1.94009 | 0.247 | 0.184818 | 0.191 | 0.858 | 1098.58 | 2.57 | 1095.03 | 1.65 | 1093.24 | 1.92 |
| z5 | 1.078 | 2.7707 | 0.9909 | 39 | 2.08 | 2053 | 0.327 | 0.0760109 | 0.152 | 1.93692 | 0.193 | 0.184814 | 0.066 | 0.724 | 1095.36 | 3.03 | 1093.94 | 1.29 | 1093.22 | 0.67 |
| weighted mean 206Pb/238U age = 1095.44 ± 0.26 (0.40) [1.16] Ma (2s); MSWD = 1.13 (n=4) | | | | | | | | | | | | | | | | | | | | |
| WLFG | Wilson Lake ferrogabbro (Beaver Bay Complex) | | | | | | | | | | | | | | | | | | | |
| z2 | 1.225 | 3.6441 | 0.9967 | 111 | 0.98 | 5701 | 0.371 | 0.0759668 | 0.066 | 1.93316 | 0.105 | 0.184562 | 0.049 | 0.880 | 1094.20 | 1.32 | 1092.63 | 0.70 | 1091.85 | 0.49 |
| z19 | 1.236 | 1.2015 | 0.9806 | 18 | 1.96 | 958 | 0.375 | 0.0760828 | 0.312 | 1.93604 | 0.383 | 0.184555 | 0.134 | 0.651 | 1097.25 | 6.25 | 1093.63 | 2.56 | 1091.81 | 1.35 |
| z16 | 1.209 | 0.7717 | 0.9872 | 28 | 0.82 | 1452 | 0.366 | 0.0759981 | 0.205 | 1.93352 | 0.265 | 0.184521 | 0.114 | 0.685 | 1095.02 | 4.10 | 1092.76 | 1.77 | 1091.62 | 1.15 |
| z26 | 1.115 | 1.3194 | 0.9923 | 45 | 0.85 | 2401 | 0.338 | 0.0759428 | 0.131 | 1.93161 | 0.171 | 0.184473 | 0.064 | 0.743 | 1093.56 | 2.62 | 1092.10 | 1.15 | 1091.36 | 0.65 |
| z19 | 2.350 | 0.3987 | 0.9715 | 15 | 0.96 | 652 | 0.712 | 0.0760519 | 0.419 | 1.93313 | 0.517 | 0.184353 | 0.155 | 0.724 | 1096.44 | 8.38 | 1092.62 | 3.46 | 1090.71 | 1.55 |
| z27 | 2.410 | 0.7114 | 0.9816 | 24 | 1.10 | 1010 | 0.730 | 0.0760187 | 0.290 | 1.92711 | 0.351 | 0.183859 | 0.110 | 0.666 | 1095.56 | 5.80 | 1090.54 | 2.35 | 1088.02 | 1.10 |
| z28 | 1.613 | 0.4676 | 0.9820 | 21 | 0.71 | 1031 | 0.489 | 0.0758794 | 0.298 | 1.92047 | 0.393 | 0.183562 | 0.194 | 0.676 | 1091.89 | 5.98 | 1088.23 | 2.62 | 1086.04 | 1.94 |
| z18 | 1.210 | 0.2411 | 0.9586 | 8 | 0.86 | 450 | 0.367 | 0.0756855 | 0.693 | 1.91505 | 0.826 | 0.183513 | 0.266 | 0.620 | 1086.76 | ## | 1086.35 | 5.51 | 1086.14 | 2.66 |
| weighted mean 206Pb/238 | | | | | | | | | | | | | | | | | | | | |

Table DR2. Site level paleomagnetic data

| site | site lat | site lon | n | dec _{is} | inc _{is} | dec _{tc} | inc _{tc} | k | α_{95} | VGP lat | VGP lon |
|-------------------------------|----------|----------|---|-------------------|-------------------|-------------------|-------------------|------|---------------|---------|---------|
| FC1 (AF) | 47.7826 | -91.3265 | 9 | 301.6 | 40.5 | 297.1 | 52.4 | 32 | 9.3 | 41.3 | 185.0 |
| FC1 (thermal) | 47.7826 | -91.3265 | 9 | 289.7 | 34.4 | 284.1 | 45.1 | 64 | 6.5 | 28.6 | 187.8 |
| FC4 (AF) | 47.7625 | -91.3827 | 7 | 296.0 | 26.8 | 292.6 | 38.3 | 59 | 7.9 | 30.8 | 177.4 |
| HCT1 (AF) | 47.6008 | -91.1495 | 7 | 287.2 | 35.6 | 281.0 | 46.0 | 54 | 8.3 | 26.9 | 190.8 |
| HCT1 (thermal) | 47.6008 | -91.1495 | 6 | 285.7 | 45.3 | 276.3 | 55.3 | 144 | 5.6 | 29.5 | 201.0 |
| 1 (Beck layered) | 46.68 | -92.24 | 4 | 279.5 | 47.5 | 287.7 | 64.4 | 51 | 9.8 | 42.0 | 205.2 |
| 3 (Beck layered) | 46.68 | -92.24 | 4 | 292.0 | 26.5 | 298.0 | 41.9 | 17 | 17.2 | 36.3 | 175.6 |
| 4 (Beck layered) | 46.68 | -92.24 | 3 | 279.5 | 36.0 | 284.5 | 53.0 | 20 | 18.0 | 33.0 | 193.5 |
| 5 (Beck layered) | 46.68 | -92.24 | 3 | 279.5 | 55.0 | 291.8 | 71.7 | 14 | 22.0 | 48.4 | 217.4 |
| 6 (Beck layered) | 46.68 | -92.24 | 1 | 280.5 | 32.0 | 285.0 | 48.9 | | | 31.1 | 189.7 |
| 7 (Beck layered) | 46.68 | -92.24 | 5 | 278.0 | 33.0 | 282.0 | 50.1 | 85 | 6.8 | 29.7 | 192.7 |
| 8 (Beck layered) | 46.68 | -92.24 | 7 | 290.5 | 43.0 | 301.6 | 58.3 | 345 | 2.8 | 47.5 | 189.4 |
| 9 (Beck layered) | 46.68 | -92.23 | 3 | 281.5 | 42.0 | 288.7 | 58.7 | 35 | 13.6 | 39.2 | 197.0 |
| 10 (Beck layered) | 46.70 | -92.23 | 3 | 297.5 | 30.5 | 305.6 | 44.9 | 15 | 21.2 | 43.0 | 172.0 |
| 11 (Beck layered) | 46.70 | -92.22 | 1 | 284.0 | 30.5 | 289.2 | 47.0 | | | 32.9 | 185.6 |
| 12 (Beck layered) | 46.72 | -92.21 | 5 | 284.5 | 36.0 | 291.1 | 52.4 | 43 | 9.6 | 37.1 | 188.9 |
| 13 (Beck layered) | 46.69 | -92.24 | 6 | 281.5 | 28.0 | 285.6 | 44.8 | 437 | 2.7 | 29.3 | 186.4 |
| 14 (Beck layered) | 46.72 | -92.20 | 7 | 287.0 | 35.0 | 294.1 | 51.1 | 334 | 2.9 | 38.4 | 185.8 |
| 15 (Beck layered) | 46.73 | -92.21 | 2 | 290.0 | 31.5 | 296.9 | 47.2 | | | 38.2 | 180.4 |
| 17 (Beck layered) | 46.74 | -92.19 | 3 | 279.5 | 37.0 | 284.7 | 54.0 | 80 | 9.1 | 33.8 | 194.3 |
| 19 (Beck layered) | 46.75 | -92.19 | 4 | 288.0 | 35.0 | 295.3 | 50.9 | 51 | 9.8 | 39.2 | 184.8 |
| 20 (Beck layered) | 46.77 | -92.15 | 3 | 282.0 | 33.0 | 287.1 | 49.7 | 444 | 3.8 | 33.0 | 189.1 |
| 25 (Beck layered) | 46.78 | -92.12 | 1 | 273.5 | 18.5 | 274.9 | 36.0 | | | 17.7 | 188.5 |
| 27 (Beck layered) | 46.77 | -92.15 | 1 | 310.0 | 40.5 | 324.6 | 51.6 | | | 59.4 | 162.2 |
| 30 (Beck layered) | 46.77 | -92.14 | 1 | 284.0 | 36.5 | 290.6 | 53.0 | | | 37.1 | 189.8 |
| 32 (Beck layered) | 46.77 | -92.14 | 1 | 290.0 | 36.0 | 298.2 | 51.6 | | | 41.5 | 183.5 |
| 33 (Beck layered) | 46.77 | -92.15 | 2 | 288.0 | 32.0 | 294.5 | 48.0 | | | 37.0 | 182.7 |
| 35 (Beck layered) | 46.79 | -92.23 | 8 | 290.0 | 23.5 | 294.9 | 39.3 | 194 | 3.6 | 32.9 | 176.1 |
| 36 (Beck layered) | 46.78 | -92.21 | 2 | 276.0 | 27.0 | 278.6 | 44.3 | | | 24.3 | 190.6 |
| 37 (Beck layered) | 46.79 | -92.25 | 2 | 273.0 | 29.0 | 275.0 | 46.5 | | | 23.1 | 194.3 |
| 92 (Beck layered) | 46.81 | -92.10 | 3 | 290.0 | 41.5 | 300.2 | 57.0 | 16 | 20.1 | 45.9 | 188.3 |
| 93 (Beck layered) | 46.83 | -92.18 | 5 | 284.5 | 24.5 | 288.6 | 41.0 | 151 | 5.1 | 29.4 | 181.7 |
| 94 (Beck layered) | 46.85 | -92.04 | 4 | 291.0 | 36.5 | 299.6 | 51.9 | 107 | 6.8 | 42.7 | 182.9 |
| 97 (Beck layered) | 46.78 | -92.12 | 2 | 281.0 | 28.5 | 285.0 | 45.4 | | | 29.2 | 187.2 |
| 98 (Beck layered) | 46.77 | -92.13 | 6 | 288.5 | 34.0 | 295.7 | 49.9 | 115 | 5.3 | 38.8 | 183.6 |
| 99 (Beck layered) | 46.77 | -92.12 | 3 | 287.0 | 35.0 | 294.1 | 51.1 | 39 | 13.0 | 38.4 | 185.8 |
| 103 (Beck layered) | 46.75 | -92.18 | 2 | 276.0 | 29.0 | 278.8 | 46.3 | | | 25.5 | 191.8 |
| 215 (Beck layered) | 48.08 | -90.77 | 2 | 281.0 | 48.0 | 290.2 | 64.7 | | | 44.4 | 204.8 |
| 217 (Beck layered) | 46.79 | -92.20 | 5 | 287.0 | 41.0 | 296.0 | 57.0 | 53 | 8.6 | 43.0 | 190.8 |
| 218 (Beck layered) | 46.79 | -92.18 | 6 | 284.5 | 27.5 | 289.2 | 44.0 | 62 | 7.3 | 31.3 | 183.3 |
| 219 (Beck layered) | 46.79 | -92.17 | 5 | 284.5 | 33.5 | 290.5 | 49.9 | 10 | 19.7 | 35.3 | 187.1 |
| 220 (Beck layered) | 46.80 | -92.15 | 5 | 284.0 | 30.5 | 289.2 | 47.0 | 291 | 3.7 | 32.9 | 185.6 |
| 221 (Beck layered) | 46.79 | -92.14 | 5 | 290.5 | 27.5 | 296.4 | 43.2 | 1433 | 1.7 | 35.8 | 177.6 |
| 18 (Beck anorthosite) | 46.75 | -92.17 | 7 | 279.0 | 37.5 | 284.1 | 54.5 | 91 | 5.5 | 33.7 | 195.2 |
| 21 (Beck anorthosite) | 46.77 | -92.15 | 2 | 290.0 | 42.0 | 300.5 | 57.5 | | | 46.3 | 188.8 |
| 22 (Beck anorthosite) | 46.78 | -92.12 | 6 | 275.0 | 40.5 | 279.1 | 57.8 | 10 | 17.8 | 32.6 | 201.4 |
| 23 (Beck anorthosite) | 46.78 | -92.12 | 2 | 295.5 | 39.5 | 306.5 | 54.0 | | | 48.5 | 180.6 |
| 26 (Beck anorthosite) | 46.77 | -92.15 | 2 | 309.5 | 43.5 | 325.8 | 54.5 | | | 61.9 | 165.6 |
| 31 (Beck anorthosite) | 46.77 | -92.14 | 1 | 278.0 | 33.0 | 282.0 | 50.1 | | | 29.7 | 192.7 |
| 38 (Beck anorthosite) | 46.83 | -92.11 | 2 | 262.0 | 33.0 | 260.9 | 50.6 | | | 16.7 | 206.2 |
| 40 (Beck anorthosite) | 46.83 | -92.09 | 2 | 309.0 | 35.0 | 320.7 | 46.6 | | | 54.0 | 160.2 |
| 101 (Beck anorthosite) | 46.76 | -92.16 | 2 | 296.5 | 37.5 | 306.9 | 51.9 | | | 47.6 | 177.7 |
| 102 (Beck anorthosite) | 46.75 | -92.18 | 1 | 275.0 | 29.0 | 277.6 | 46.4 | | | 24.7 | 192.7 |
| 222 (Beck anorthosite) | 46.76 | -92.15 | 5 | 270.5 | 43.0 | 273.0 | 60.6 | 75 | 7.3 | 30.7 | 207.6 |

Notes: n=number of samples analyzed and included in the site mean; dec= mean declination for the site (is = insitu; tc = tilt-corrected); inc=mean inclination for the site; k=Fisher precision parameter; α_{95} =95% confidence limit in degrees; VGP lat=latitude of the virtual geomagnetic pole for the site; VGP lon=longitude of the virtual geomagnetic pole for the site. Sites in **bold** were included in the calculation of the mean pole (filtered for $\alpha_{95} < 15^\circ$ and so that only one site for FC1 and HCT). The resulting mean pole is: 188.7°E, 35.6°N, N=24, A_{95} =3.1, k=92.