

RAW GEOCHEMISTRY DATA.xls

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|---|--|------|-------|-------|------|-------|-------|------|------|------|-------------|-------|--|--|--|--|
| Brendan McGee(Hons) | XRF ANALYSES (CODES-SES), University of Tasmania | | | | | | | | | | 28/09/2005 | | | | | |
| Analyst: Phil Robinson | | | | | | | | | | | | | | | | |
| XRF Sample Preparation: Katie McGoldrick | | | | | | | | | | | | | | | | |
| Rock Crushing: Brendan (WC mill) | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Method (M AJORS) using fusion discs and ScMo X-ray tube | | | | | | | | | | | | | | | | |
| | SiO2 | TiO2 | Al2O3 | Fe2O3 | MnO | MgO | CaO | Na2O | K2O | P2O5 | Loss inc S- | Total | | | | |
| MLC 1 | 44.97 | 2.26 | 15.48 | 12.84 | 0.19 | 8.21 | 9.91 | 2.79 | 0.97 | 0.56 | 1.73 | | | | | |
| MLC 2 | 43.51 | 2.63 | 14.53 | 12.45 | 0.21 | 8.37 | 8.84 | 4.98 | 1.94 | 0.88 | 1.57 | | | | | |
| MLC 3 | 44.53 | 1.96 | 13.55 | 11.11 | 0.18 | 11.07 | 9.99 | 3.14 | 0.95 | 0.64 | 2.59 | | | | | |
| MLC 4 | 43.69 | 2.70 | 14.77 | 12.68 | 0.19 | 7.60 | 8.65 | 4.11 | 0.89 | 1.01 | 3.28 | | | | | |
| MLC 5 | 45.35 | 2.02 | 15.2 | 11.13 | 0.18 | 8.58 | 10.14 | 3.63 | 0.76 | 0.68 | 2.2 | | | | | |
| MH 1 | 43.11 | 2.5 | 11.35 | 13.47 | 0.18 | 12.37 | 9.85 | 4.04 | 1.53 | 0.86 | 0.22 | | | | | |
| BSW 2 | 46.52 | 2.16 | 15.24 | 12.07 | 0.18 | 8.09 | 8.62 | 4.01 | 0.74 | 0.74 | 1.56 | | | | | |
| TG 1 | 47.26 | 2.61 | 15.16 | 13.65 | 0.16 | 6.34 | 8.05 | 3.68 | 1.13 | 0.69 | 1.04 | | | | | |
| THB 2a | 43.21 | 2.63 | 14.65 | 13.03 | 0.19 | 8.69 | 9.31 | 2.87 | 1.42 | 0.95 | 3.02 | | | | | |
| THB 3 | 43.07 | 2.71 | 15.12 | 13.13 | 0.19 | 8.59 | 9.53 | 2.89 | 0.9 | 0.79 | 2.75 | | | | | |
| FL 4 | 45.02 | 1.95 | 14.62 | 12.11 | 0.18 | 10.55 | 9.79 | 2.70 | 1.14 | 0.53 | 1.00 | | | | | |
| GH 1 | 45.21 | 2.42 | 15.57 | 12.1 | 0.2 | 7.10 | 9.02 | 3.73 | 1.87 | 0.86 | 1.61 | | | | | |
| FQ 1 | 44.74 | 2.05 | 14.91 | 11.37 | 0.18 | 8.84 | 10.18 | 3.54 | 0.88 | 0.69 | 2.48 | | | | | |
| | | | | | | | | | | | | | | | | |
| MOCOMP(D) Program (pills with ScMo X-ray Tube) | | | | | | | | | | | | | | | | |
| | Y | U | Rb | Th | Pb | As | Bi | Zn | Cu | Ni | | | | | | |
| MLC 1 | 26 | <1.5 | 14 | <1.5 | 2 | <3 | | 3 | 83 | 67 | 118 | | | | | |
| MLC 2 | 31 | <1.5 | 37 | 9 | 4 | <3 | | | 109 | 52 | 143 | | | | | |
| MLC 3 | 22 | <1.5 | 22 | 6 | 3 | <3 | | | 88 | 77 | 300 | | | | | |
| MLC 4 | 30 | <1.5 | 29 | 6 | 3 | <3 | | | 86 | 50 | 131 | | | | | |
| MLC 5 | 24 | <1.5 | 19 | 7 | 4 | <3 | | | 84 | 64 | 169 | | | | | |
| MH 1 | 23 | <1.5 | 19 | 5 | 3 | <3 | | 3 | 129 | 59 | 314 | | | | | |
| BSW 2 | 26 | <1.5 | 19 | 5 | 3 | <3 | | | 93 | 59 | 155 | | | | | |
| TG 1 | 23 | 1.5 | 22 | 4 | 2 | <3 | | | 127 | 55 | 92 | | | | | |
| THB 2a | 28 | <1.5 | 33 | 4 | 2 | <3 | | | 82 | 59 | 145 | | | | | |
| THB 3 | 28 | <1.5 | 17 | 4 | 3 | <3 | | | 78 | 60 | 111 | | | | | |
| FL 4 | 24 | <1.5 | 27 | 5 | 2 | <3 | | | 83 | 70 | 262 | | | | | |
| GH 1 | 29 | 2.8 | 40 | 7 | 4 | | 4.3 | | 87 | 53 | 115 | | | | | |
| FQ 1 | 25 | <1.5 | 18 | 7 | 2 | <3 | | | 78 | 69 | 168 | | | | | |
| detection limit(ppm) | 1 | 1.5 | 1 | 1.5 | 1.5 | | 3 | 2 | 1 | 1 | 1 | | | | | |
| | | | | | | | | | | | | | | | | |
| GOLD1 Program (pills with Au X-ray tube) | | | | | | | | | | | | | | | | |
| | Nb | Zr | Sr | Cr* | Ba | Sc | V | La | Ce | Nd | | | | | | |
| MLC 1 | 38 | 180 | 648 | 277 | 270 | 25 | 199 | 27 | 56 | 33 | | | | | | |
| MLC 2 | 91 | 340 | 1317 | 186 | 624 | 17 | 173 | 99 | 163 | 62 | | | | | | |
| MLC 3 | 60 | 254 | 737 | 647 | 365 | 24 | 201 | 49 | 85 | 38 | | | | | | |
| MLC 4 | 83 | 311 | 1123 | 223 | 574 | 19 | 162 | 59 | 109 | 51 | | | | | | |
| MLC 5 | 64 | 256 | 724 | 347 | 396 | 27 | 214 | 47 | 83 | 37 | | | | | | |
| MH 1 | 69 | 232 | 843 | 380 | 285 | 19 | 181 | 49 | 86 | 41 | | | | | | |
| BSW 2 | 61 | 260 | 754 | 296 | 368 | 24 | 178 | 49 | 93 | 40 | | | | | | |
| TG 1 | 38 | 233 | 628 | 109 | 256 | 18 | 141 | 31 | 71 | 40 | | | | | | |
| THB 2a | 69 | 236 | 1183 | 247 | 539 | 22 | 182 | 52 | 100 | 47 | | | | | | |
| THB 3 | 61 | 220 | 987 | 183 | 411 | 24 | 192 | 45 | 83 | 39 | | | | | | |
| FL 4 | 49 | 208 | 603 | 381 | 289 | 25 | 201 | 33 | 63 | 31 | | | | | | |
| GH 1 | 78 | 294 | 916 | 243 | 470 | 22 | 186 | 59 | 107 | 47 | | | | | | |
| FQ 1 | 64 | 252 | 718 | 299 | 401 | 26 | 199 | 44 | 83 | 37 | | | | | | |
| detection limit(ppm) | 1 | 1 | 1 | 1 | 4 | 2 | 2 | 2 | 4 | 2 | | | | | | |