

## Appendix 10

### Geochronology references for Figure 43

- Arndt, NT, Nelson, DR, Compston, W, Trendall, AF and Thorne, AM 1991, The age of the Fortescue Group, Hamersley Basin, Western Australia, from ion microprobe zircon U–Pb results: *Australian Journal of Earth Sciences*, v. 38, p. 261–281.
- Barley, ME, McNaughton, NJ, Williams, IS and Compston, W 1994, Geological note: Age of Archaean volcanism and sulphide mineralization in the Whim Creek Belt, west Pilbara: *Australian Journal of Earth Sciences*, v. 41, p. 175–177.
- Beintema, KA 2003, Geodynamic evolution of the west and central Pilbara Craton: A mid-Archean active continental margin: *Geologica Ultraiectina*, Utrecht University, Utrecht, The Netherlands, PhD thesis (unpublished), 248p.
- Nelson, DR 1997a, 118964: foliated granite, Caines Well; Geochronology Record 456: Geological Survey of Western Australia, 4p.
- Nelson, DR 1997b, 118966: porphyritic granodioritic gneiss, Forrestier Bay granodiorite; Geochronology Record 458: Geological Survey of Western Australia, 4p.
- Nelson, DR 1997c, 118967: equigranular hornblende–biotite tonalite, Ten Foot Well; Geochronology Record 459: Geological Survey of Western Australia, 4p.
- Nelson, DR 1997d, 118974: foliated porphyritic hornblende granodiorite, Baynton Hill; Geochronology Record 431: Geological Survey of Western Australia, 4p.
- Nelson, DR 1997e, 118976: porphyritic dacite, Cheratta Road – Nickol River crossing; Geochronology Record 433: Geological Survey of Western Australia, 4p.
- Nelson, DR 1997f, 118979: quartz–feldspar porphyry, No. 6 Well; Geochronology Record 434: Geological Survey of Western Australia, 4p.
- Nelson, DR 1997g, 127320: quartz granophyre, Mount Ada; Geochronology Record 440: Geological Survey of Western Australia, 4p.
- Nelson, DR 1997h, 136826: equigranular biotite–hornblende tonalite gneiss, Toorare Pool; Geochronology Record 414: Geological Survey of Western Australia, 5p.
- Nelson, DR 1998a, 127327: dacite porphyry, Rocky Creek; Geochronology Record 441: Geological Survey of Western Australia, 4p.
- Nelson, DR 1998b, 136844: granite, Dampier Salt Ponds; Geochronology Record 415: Geological Survey of Western Australia, 4p.
- Nelson, DR 1998c, 141936: welded tuff, Red Hill; Geochronology Record 396: Geological Survey of Western Australia, 3p.
- Nelson, DR 1998d, 141973: biotite monzogranite, Wakeman Well; Geochronology Record 397: Geological Survey of Western Australia, 4p.

- Nelson, DR 1998e, 141977: granite, Manyon Well; Geochronology Record 398: Geological Survey of Western Australia, 4p.
- Nelson, DR 1998f, 142436: micromonzonite dyke, Munni Munni; Geochronology Record 404: Geological Survey of Western Australia, 3p.
- Nelson, DR 1998g, 142882: biotite monzogranite, west of Mulgandinna Hill; Geochronology Record 351: Geological Survey of Western Australia, 4p.
- Nelson, DR 1998h, 142883: foliated porphyritic syenogranite dyke, South of Mulgandinna Hill; Geochronology Record 352: Geological Survey of Western Australia, 4p.
- Nelson, DR 1998i, 142884: schlieric biotite syenogranite, Mount Webber; Geochronology Record 353: Geological Survey of Western Australia, 4p.
- Nelson, DR 1998j, 142885: biotite monzogranite, Mundine Well; Geochronology Record 354: Geological Survey of Western Australia, 4p.
- Nelson, DR 1998k, 144261: rhyolite, Bradley Well; Geochronology Record 272: Geological Survey of Western Australia, 4p.
- Nelson, DR 1999a, 142176: megacrystic foliated biotite monzogranite, Yandeyarra Homestead; Geochronology Record 400: Geological Survey of Western Australia, 4p.
- Nelson, DR 1999b, 142430: monzogranite, Black Hill Well; Geochronology Record 402: Geological Survey of Western Australia, 4p.
- Nelson, DR 1999c, 142438: granodiorite, Pinderi Hills; Geochronology Record 405: Geological Survey of Western Australia, 4p.
- Nelson, DR 1999d, 142657: granodiorite, Cadgerina Pool; Geochronology Record 407: Geological Survey of Western Australia, 4p.
- Nelson, DR 1999e, 142889: foliated alkali granite, Roberts Hill; Geochronology Record 355: Geological Survey of Western Australia, 5p.
- Nelson, DR 1999f, 142892: porphyritic rhyolite, Two Mile Well; Geochronology Record 356: Geological Survey of Western Australia, 4p.
- Nelson, DR 1999g, 142893: schlieric, pegmatite-veined monzogranite, Eramurra Creek; Geochronology Record 357: Geological Survey of Western Australia, accessed 2006, 5p.
- Nelson, DR 1999h, 144224: dacite porphyry, Mount Wangee; Geochronology Record 270: Geological Survey of Western Australia, 4p.
- Nelson, DR 2000a, 142832: metamorphosed intermediate rock, Whundo; Geochronology Record 391: Geological Survey of Western Australia, 4p.
- Nelson, DR 2000b, 142934: biotite monzogranite, Florrie Well; Geochronology Record 321: Geological Survey of Western Australia, 4p.
- Nelson, DR 2000c, 142935: hornblende granodiorite, Wallareenya Homestead; Geochronology Record 322: Geological Survey of Western Australia, 4p.
- Nelson, DR 2000d, 142936: leucocratic monzogranite, Yandeyarra Pool; Geochronology Record 323: Geological Survey of Western Australia, 4p.

- Nelson, DR 2000e, 142937: leucocratic monzogranite, Numbana Pool; Geochronology Record 324: Geological Survey of Western Australia, 4p.
- Nelson, DR 2000f, 142938: biotite–hornblende tonalite, Cheearra Hill; Geochronology Record 325: Geological Survey of Western Australia, 4p.
- Nelson, DR 2000g, 142941: feldspar–hornblende porphyry, Black Gin Well; Geochronology Record 326: Geological Survey of Western Australia, 4p.
- Nelson, DR 2000h, 142945: plagioclase–hornblende–pyroxene andesite porphyry, Jigimining Pool; Geochronology Record 296: Geological Survey of Western Australia, 4p.
- Nelson, DR 2000i, 142950: porphyritic biotite monzogranite, OT Well; Geochronology Record 300: Geological Survey of Western Australia, 4p.
- Nelson, DR 2000j, 142965: monzogranite, Unices Well; Geochronology Record 305: Geological Survey of Western Australia, 4p.
- Nelson, DR 2000k, 142967: biotite monzogranite, Unices Well; Geochronology Record 307: Geological Survey of Western Australia, 4p.
- Nelson, DR 2000l, 160442: foliated biotite monzogranite, Yandeyarra Pool; Geochronology Record 239: Geological Survey of Western Australia, 4p.
- Nelson, DR 2000m, 160498: hornblende–biotite granodiorite, Geemas Well; Geochronology Record 240: Geological Survey of Western Australia, 4p.
- Nelson, DR 2001a, 160727: biotite granodiorite, Chillerina Well; Geochronology Record 241: Geological Survey of Western Australia, 4p.
- Nelson, DR 2001b, 160728: biotite monzogranite, Chillerina Well; Geochronology Record 243: Geological Survey of Western Australia, 4p.
- Nelson, DR 2001c, 160730: foliated biotite granodiorite, Malindra Well; Geochronology Record 244: Geological Survey of Western Australia, 4p.
- Nelson, DR 2001d, 160744: foliated biotite–hornblende granodiorite, Chillerina Well; Geochronology Record 227: Geological Survey of Western Australia, 4p.
- Nelson, DR 2001e, 160745: foliated biotite granodiorite, old Marble Bar Road – Tappa Tappa Creek crossing; Geochronology Record 213: Geological Survey of Western Australia, 4p.
- Nelson, DR 2001f, 168932: porphyritic granodiorite, Mardeburra Pool; Geochronology Record 204: Geological Survey of Western Australia, 4p.
- Nelson, DR 2001g, 168934: biotite monzogranite, Waloo Waloo Pool; Geochronology Record 205: Geological Survey of Western Australia, 4p.
- Nelson, DR 2001h, 168936: monzodiorite, Andover Mine; Geochronology Record 207: Geological Survey of Western Australia, 4p.
- Nelson, DR 2002a, 169018: biotite monzogranite, Cunmagnunna Hill; Geochronology Record 141: Geological Survey of Western Australia, 4p.
- Nelson, DR 2002b, 169021: leucocratic syenogranite gneiss, Birthday Gift mine; Geochronology Record 143: Geological Survey of Western Australia, 4p.

- Nelson, DR 2002c, 169025: rhyolite, Knaptons Well; Geochronology Record 145: Geological Survey of Western Australia, 4p.
- Nelson, DR 2004, 169080: quartz diorite, Terenar Pool; Geochronology Record 115: Geological Survey of Western Australia, 4p.
- Nelson, DR 2005, 178049: biotite monzogranite, Bamboo Springs Homestead; Geochronology Record 568: Geological Survey of Western Australia, 4p.
- Smith, JB 2003, The episodic development of intermediate to silicic volcano-plutonic suites in the Archaean West Pilbara, Australia: *Chemical Geology*, v. 194, p. 275–295.
- Wingate, MTD, Bodorkos, S and Van Kranendonk, MJ 2009a, 180038: metamonzodiorite, Wodgina; Geochronology Record 805: Geological Survey of Western Australia, 4p.
- Wingate, MTD, Bodorkos, S and Van Kranendonk, MJ 2009b, 180097: dacite dyke, Hong Kong Mine; Geochronology Record 813: Geological Survey of Western Australia, 4p.
- Wingate, MTD and Hickman, AH 2009, 178148: biotite granite, Hearsons Cove; Geochronology Record 800: Geological Survey of Western Australia, 4p.
- Wingate, MTD, Lu, Y and Hickman, AH 2016, 178047: porphyritic metamonzogranite, Mulga Well; Geochronology Record 1349: Geological Survey of Western Australia, 3p.
- Zegers, TE 1996, Structural, kinematic, and metallogenic evolution of selected domains of the Pilbara granite–greenstone terrain: *Geologica Ultraiectina*, Utrecht University, Utrecht, the Netherlands, PhD thesis (unpublished), 208p.

**Recommended reference:**

- Hickman, AH 2021, Appendix 10 — Geochronology references for Figure 43, *in* East Pilbara Craton: a record of one billion years in the growth of Archean continental crust *by* AH Hickman: Geological Survey of Western Australia, Report 143, 4p.