**East Antarctica**

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| **Basin Region** | **Basin IDs** | **Basin name(s)** | **Interpreted age range** | **Bed Type Code** |
| Aurora | EA\_AU\_ANB  EA\_AU\_ASB  EA\_AU\_ABS  EA\_AU\_AWB  EA\_AU\_BGP  EA\_AU\_HAB  EA\_AU\_HAP  EA\_AU\_VSB  EA\_AU\_XC | Aurora North Basin  Aurora Main Basin  Aurora South Basin  Aurora West Basin  Belgica Plateau  Highland A Basin  Highland A Plateau  Vincennes Basin  NA | lower Neoproterozoic to upper Paleozoic  lower Neoproterozoic to upper Mesozoic  lower Neoproterozoic to upper Mesozoic  lower Neoproterozoic to upper Mesozoic  lower Neoproterozoic to upper Paleozoic  lower Neoproterozoic to upper Mesozoic  lower Neoproterozoic to upper Paleozoic  lower Neoproterozoic to upper Mesozoic  NA | 2  3  3  3  2  3  2  3  0 |
| Coats Land | EA\_CL\_BGB  EA\_CL\_XC | Bailey Glacier Basin  NA | middle Mesozoic to upper Mesozoic  NA | 3  0 |
| Dronning Maud Land | EA\_DM\_AF  EA\_DM\_GEB  EA\_DM\_JPG  EA\_DM\_EP  EA\_DM\_RFS  EA\_DM\_SHB  EA\_DM\_WRT  EA\_DM\_XC | Amelang  Great Escarpment Basin  Jutul-Pencke Rift System  Escarpment Piedmont  Ritscherflya  Shirase Basin  West Ragnhild Trough  NA | lower Paleozoic to middle Paleozoic  middle Mesozoic to lower Cenozoic  middle Mesozoic to upper Mesozoic  middle Mesozoic to lower Cenozoic  Mesoproterozoic to Mesoproterozoic  upper Paleozoic to upper Mesozoic  upper Paleozoic to upper Mesozoic  NA | 2  3  3  -2  2  3  3  0 |
| Interior Dronning Maud Land | EA\_IDM\_OB  EA\_IDM\_SHB  EA\_IDM\_YB  EA\_IDM\_XC | Older Basins  Shirase Basin  Younger Basins  NA | lower Neoproterozoic to upper Paleozoic  upper Paleozoic to upper Mesozoic  middle Paleozoic to upper Mesozoic  NA | 2  3  3  0 |
| Enderby-Mac. Robertson Lands | EA\_EM\_BLB  EA\_EM\_RAB  EA\_EM\_MRB  EA\_EM\_XC | Beaver Lake Basin  Rayner Basin  Mac. Robertson Basin  NA | upper Paleozoic to middle Mesozoic  upper Paleozoic to upper Mesozoic  upper Paleozoic to upper Mesozoic  NA | 3  3  3  0 |
| Fuji | EA\_FJ\_SLB  EA\_FJ\_XC | South Lambert Basin  NA | upper Paleozoic to upper Mesozoic  NA | 3  0 |
| Gamburtsev | EA\_GS\_EB  EA\_GS\_SB  EA\_GS\_WB  EA\_GS\_XC | Eastern Basin  Southern Basin  Western Basin  NA | upper Paleozoic to upper Mesozoic  middle Paleozoic to upper Mesozoic  upper Paleozoic to upper Mesozoic  NA | 3  3  3  0 |
| Law Dome | EA\_LD\_TVT  EA\_LD\_LDA  EA\_LD\_TCB  EA\_LD\_VTB  EA\_LD\_XC | Totten-Vanderford Trench  Law Dome Anomaly  Totten Cavity Basin  Vanderford Trench Basin  NA | upper Mesozoic to Quaternary  Mesoproterozoic to Mesoproterozoic  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  NA | -2  -1  3  -2  0 |
| Lazarev-Enderby Basin | EA\_LE\_GEB  EA\_LE\_ED  EA\_LE\_FB  EA\_LE\_GR  EA\_LE\_WD | Great Escarpment Basin  Eastern Depocentre  Fimbul Ice Shelf Basin  Gunnerus Ridge  Western Depocentre | middle Mesozoic to upper Cenozoic  middle Mesozoic to upper Cenozoic  middle Mesozoic to Quaternary  middle Mesozoic to upper Cenozoic  middle Mesozoic to upper Cenozoic | 3  3  3  3  3 |
| Lambert | EA\_LG\_ACB  EA\_LG\_ELB  EA\_LG\_MLB  EA\_LG\_MLT  EA\_LG\_WLB  EA\_LG\_XC | Amery Cavity Basin  East Lambert Basin  Main Lambert Basin  Main Lambert Trough  West Lambert Basin  NA | upper Paleozoic to Quaternary  upper Paleozoic to upper Mesozoic  upper Paleozoic to upper Mesozoic  upper Paleozoic to upper Mesozoic  upper Paleozoic to upper Mesozoic  NA | 3  3  3  -2  3  0 |
| Mawson Coast | EA\_MS\_BRB  EA\_MS\_KCS  EA\_MS\_SCS  EA\_MS\_DT  EA\_MS\_XC | Bruce Rise Basin  Knox Coast Shelf  Sabrina Coast Shelf  Dalton Trough  NA | upper Paleozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  NA | 3  3  3  -2  0 |
| Prydz Bay Coast | EA\_PB\_MCS  EA\_PB\_PBB  EA\_PB\_PES  EA\_PB\_DI | Mac. Robertson Shelf  Prydz Bay Basin  PEL Shelf  Drygalski Island | upper Paleozoic to upper Cenozoic  upper Paleozoic to Quaternary  upper Paleozoic to upper Cenozoic  NA | 3  3  3  0 |
| Princess Elizabeth | EA\_PE\_LS  EA\_PE\_CB  EA\_PE\_WB  EA\_PE\_NWB  EA\_PE\_SEB  EA\_PE\_XC | PEL Lake  Coastal Basin  Wilhelm II Basin  Northwest Basin  Southeast Basin  NA | upper Paleozoic to Quaternary  upper Paleozoic to upper Mesozoic  middle Paleozoic to upper Mesozoic  middle Paleozoic to upper Mesozoic  middle Paleozoic to upper Mesozoic  NA | 3  3  3  3  3  0 |
| Pensacola | EA\_PS\_BSG  EA\_PS\_FB  EA\_PS\_LPN  EA\_PS\_LPU  EA\_PS\_LPL  EA\_PS\_PBU  EA\_PS\_PPB  EA\_PS\_PT  EA\_PS\_XC | Beacon Supergroup  Foundation Basin  Lewis & Pecora Nunataks  Lower Paleozoic Basin - upper  Lower Paleozoic Basin - lower  Paleozoic Basin Undivided  Pensacola Pole Basin  Pensacola Troughs  NA | middle Paleozoic to middle Mesozoic  middle Paleozoic to upper Mesozoic  upper Paleozoic to upper Paleozoic  lower Paleozoic to lower Paleozoic  upper Neoproterozoic to lower Paleozoic  lower Paleozoic to middle Paleozoic  middle Paleozoic to upper Mesozoic  upper Paleozoic to Quaternary  NA | 2  3  2  2  2  2  3  3  0 |
| Queen Mary | EA\_QM\_KHB  EA\_QM\_KSB  EA\_QM\_CP  EA\_QM\_DST  EA\_QM\_SDW  EA\_QM\_XC | Knox Highland Basin  Knox Basin  Coastal Plain  Denman and Scott Troughs  Sandow Group  NA | lower Neoproterozoic to upper Paleozoic  upper Paleozoic to upper Mesozoic  upper Mesozoic to upper Cenozoic  lower Neoproterozoic to upper Mesozoic  lower Neoproterozoic to upper Neoproterozoic  NA | 2  3  -2  -1  2  0 |
| Recovery | EA\_RC\_BSG  EA\_RC\_LPB  EA\_RC\_RTS  EA\_RC\_RB  EA\_RC\_SGB  EA\_RC\_SGH  EA\_RC\_XC | Beacon Supergroup  Lower Paleozoic Basin  Recovery Troughs  Recovery Basin  Slessor Glacier Basin  Slessor Glacier Highlands  NA | middle Paleozoic to middle Mesozoic  upper Neoproterozoic to lower Paleozoic  upper Paleozoic to Quaternary  middle Paleozoic to upper Mesozoic  middle Mesozoic to upper Mesozoic  upper Paleozoic to middle Mesozoic  NA | 2  2  -1  3  3  2  0 |
| Sabrina | EA\_SB\_MUC  EA\_SB\_SSS  EA\_SB\_RSB  EA\_SB\_SSH  EA\_SB\_XC | Moscow University Cavity  Sabrina Basin  Remnant Sabrina Basin  Sabrina Highlands  NA | upper Mesozoic to Quaternary  lower Neoproterozoic to lower Cenozoic  lower Neoproterozoic to lower Cenozoic  lower Neoproterozoic to upper Paleozoic  NA | 3  3  -2  2  0 |
| South Pole | EA\_SP\_BPB  EA\_SP\_SPB  EA\_SP\_XC | Beacon Basin  South Pole Basin  NA | middle Paleozoic to middle Mesozoic  middle Paleozoic to upper Mesozoic  NA | -3  3  0 |
| Transantarctic Mountains | EA\_TAM\_BDM  EA\_TAM\_BSG  EA\_TAM\_BYR  EA\_TAM\_LPB  EA\_TAM\_LPV  EA\_TAM\_BSB  EA\_TAM\_XC | Beardmore Group  Beacon Supergroup  Lower Paleozoic Byrd Group  Lower Paleozoic Basin  Lower Paleozoic Volcanics  Beacon Basin  NA | lower Neoproterozoic to upper Neoproterozoic  middle Paleozoic to middle Mesozoic  lower Paleozoic to lower Paleozoic  lower Paleozoic to lower Paleozoic  lower Paleozoic to lower Paleozoic  middle Paleozoic to middle Mesozoic  NA | 2  2  2  2  1  -3  0 |
| Terre Adelie | EA\_TA\_ALB  EA\_TA\_ABE  EA\_TA\_AVB  EA\_TA\_FSB  EA\_TA\_FBE  EA\_TA\_XC | Astrolabe Basin  Astrolabe Basin - Eroded  Adventure Basin  Frost Basin  Frost Basin Eroded  NA | lower Neoproterozoic to upper Mesozoic  lower Neoproterozoic to upper Mesozoic  lower Neoproterozoic to upper Mesozoic  lower Neoproterozoic to upper Mesozoic  lower Neoproterozoic to upper Mesozoic  NA | 3  -2  3  3  -2  0 |
| Victoria Land | EA\_VL\_BG  EA\_VL\_BSG  EA\_VL\_BST  EA\_VL\_BSV  EA\_VL\_DGB  EA\_VL\_BWB  EA\_VL\_BSB  EA\_VL\_BSU  EA\_VL\_RBG  EA\_VL\_PJB  EA\_VL\_BTK  EA-VL\_XC | Berg Group  Beacon Supergroup  Taylor Group  Victoria Group  David Glacier Basin  Bowers Supergroup  Beacon Basin  Uber Beacon  Robertson Bay Group  Post Jurassic Basins  Takrouna Formation  NA | lower Neoproterozoic to lower Paleozoic  middle Paleozoic to middle Mesozoic  middle Paleozoic to middle Paleozoic  upper Paleozoic to middle Mesozoic  upper Mesozoic to upper Cenozoic  lower Paleozoic to lower Paleozoic  middle Paleozoic to middle Mesozoic  upper Paleozoic to middle Mesozoic  lower Paleozoic to lower Paleozoic  middle Mesozoic to upper Cenozoic  upper Paleozoic to upper Paleozoic  NA | 2  2  2  2  3  2  -3  2  2  3  2  0 |
| Vostok | EA\_VS\_SVB  EA\_VS\_VB  EA\_VS\_VHB  EA-VS\_XC | South Vostok Basin  Vostok Basin  Vostok Highlands Basin  NA | upper Paleozoic to upper Mesozoic  upper Neoproterozoic to upper Cenozoic  upper Neoproterozoic to lower Paleozoic  NA | 3  -3  2  0 |
| Wilkes Coast | EA\_WC\_CSD  EA\_WC\_PCS  EA\_WC\_AWS  EA\_WC\_AWT  EA\_WC\_XC | Cook Shelf Depression  Pennell Shelf  Adelie Wilkes Shelf  Adelie Wilkes Troughs  NA | upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  NA | 3  3  3  3  0 |
| Wilkes Land | EA\_WL\_BSG  EA\_WL\_NBC  EA\_WL\_NBE  EA\_WL\_WT  EA\_WL\_NBU  EA\_WL\_SB  EA\_WL\_SBW  EA\_WL\_NBW | Beacon Supergroup  Northern Central Sub-basin  Northern Eastern Sub-basin  Wilkes Troughs  Northern Basin  Southern Basin  Southern Basin West  Northern Western Sub-basin | middle Paleozoic to middle Mesozoic  middle Paleozoic to upper Mesozoic  middle Paleozoic to upper Mesozoic  middle Paleozoic to upper Mesozoic  middle Paleozoic to upper Mesozoic  middle Paleozoic to upper Mesozoic  lower Neoproterozoic to upper Mesozoic  middle Paleozoic to upper Mesozoic | 2  3  3  -2  3  3  3  3 |
| Weddell | EA\_WS\_EWS | Eastern Weddell Shelf | middle Mesozoic to Quaternary | 3 |

**West Antarctica**

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| **Basin Region** | **Basin IDs** | **Basin name(s)** | **Interpreted age range** | **Bed Type Code** |
| Antarctic Peninsula | WA\_AP\_LAT  WA\_AP\_PBL  WA\_AP\_PBT  WA\_AP\_XC | Latady basin  LeMay Group  Trinity Peninsula Group  NA | middle Mesozoic to upper Mesozoic  lower Mesozoic to lower Mesozoic  middle Paleozoic to lower Mesozoic  NA | 3  2  2  0 |
| Amundsen | WA\_AS\_ISB  WA\_AS\_EB  WA\_WS\_GTZ  WA\_AS\_WB  WA\_AS\_XC | Inner Shelf Basin  Eastern Basin  Getz Basin  Western Basin  NA | Upper Cenozoic to Quaternary  lower Cenozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  NA | -2  3  3  3  0 |
| Bellingshausen | WA\_BS\_IB  WA\_BS\_OB | Inner Basin  Outer Basin | lower Cenozoic to Quaternary  lower Cenozoic to Quaternary | 3  3 |
| Central WA | WA\_CW\_BSB  WA\_CW\_BST  WA\_CW\_PIR  WA\_CW\_FRI  WA\_CW\_PIT  WA\_CW\_XC | Byrd Subglacial Basin  Bentley Subglacial Trough  Pine Island Rift Basin  Ferrigno Rift  Pine Island Thwaites Troughs  NA | middle Mesozoic to Quaternary  upper Mesozoic to Quaternary  middle Mesozoic to Quaternary  upper Mesozoic to Quaternary  middle Cenozoic to Quaternary  NA | 3  3  3  3  -2  0 |
| Drake | WA\_DP\_APS  WA\_DP\_BST  WA\_DP\_HB  WA\_DP\_JB  WA\_DP\_PB  WA\_DP\_SOS  WA\_DP\_SSM  WA\_DP\_SSS  WA\_DP\_XC | Antarctic Peninsula Shelf  Bransfield Trough  Hesperides Basin  Jane Basin  Powell Basin  South Orkney Shelf  South Shetland Margin  South Shetland Shelf  NA | upper Cenozoic to Quaternary  upper Cenozoic to Quaternary  upper Cenozoic to Quaternary  upper Cenozoic to Quaternary  upper Cenozoic to Quaternary  upper Cenozoic to Quaternary  upper Cenozoic to Quaternary  lower Cenozoic to Quaternary  NA | 3  3  3  3  3  3  3  3  0 |
| Ellsworth Whitmore | WA\_EW\_ET  WA\_EW\_ORB  WA\_EW\_CSG  WA\_EW\_HTG  WA\_EW\_EB  WA\_EW\_MJF  WA\_EW\_NHF  WA\_EW\_PST  WA\_EW\_WOC  WA\_EW\_XC | Ellsworth Trough  Offset Rift Basin  Crashsite Group  Heritage Group  Ellsworth Basin  Mt Johns Formation  Nash Hills Formation  Polarstar Formation  Whiteout Formation  NA | middle Mesozoic to upper Cenozoic  upper Mesozoic to upper Cenozoic  lower Paleozoic to middle Paleozoic  lower Paleozoic to lower Paleozoic  upper Neoproterozoic to upper Paleozoic  upper Neoproterozoic to upper Paleozoic  lower Paleozoic to lower Paleozoic  upper Paleozoic to upper Paleozoic  middle Paleozoic to middle Paleozoic  NA | 3  3  2  2  -1  2  2  2  2  0 |
| Haag | WA\_HG\_ERV  WA\_HG\_IB  WA\_HG\_XC | Evans Rutford Basin  Interior Basin  NA | middle Mesozoic to Quaternary  middle Mesozoic to upper Cenozoic  NA | 3  3  0 |
| Marie Byrd | WA\_MBL\_BSB  WA\_MBL\_SB  WA\_MBL\_EB  WA\_MBL\_SWB  WA\_MBL\_XC | Byrd Subglacial Basin  Southern basins  Echelmeyer Basin  Swanson Formation  NA | middle Mesozoic to upper Cenozoic  middle Mesozoic to upper Cenozoic  upper Mesozoic to Quaternary  lower Paleozoic to lower Paleozoic  NA | 3  3  3  2  0 |
| Ross | WA\_RS\_CB  WA\_RS\_CBK  WA\_RS\_CEH  WA\_RS\_CLM  WA\_RS\_CRT  WA\_RS\_CT  WA\_RS\_EB  WA\_RS\_ISB  WA\_RS\_MBH  WA\_RS\_MCA  WA\_RS\_MSH  WA\_RS\_NB  WA\_RS\_RIM  WA\_RS\_SDB  WA\_RS\_RH  WA\_RS\_TR  WA\_RS\_STR  WA\_RS\_VLB  WA\_RS\_WRB  WA\_RS\_XV  WA\_RS\_XC | Central Basin  Colbeck Shelf  Central High  Coulman High  Crary Trough  Central Trough  Eastern Basin  Iselin Bank  Minna Bluff High  MacAyeal Basin  Mid Shelf High  Northern Basin  Ross Island Moat  Siple Dome Basin  Roosevelt High  Terror Rift  Southern Terror Rift  Victoria land Basin  Western Ross Basin  McMurdo Volcanic Group  NA | lower Cenozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  lower Cenozoic to Quaternary  upper Cenozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  lower Cenozoic to Quaternary  upper Cenozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  upper Cenozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  upper Cenozoic to Quaternary  NA | 3  3  3  3  3  3  3  3  3  3  3  3  3  3  3  3  3  3  3  1  0 |
| Siple Coast | WA\_SC\_ACB  WA\_SC\_MCA  WA\_SC\_NRB  WA\_SC\_OSB  WA\_SC\_TDB  WA\_SC\_CB  WA\_SC\_SCR  WA\_SC\_XC | Amundsen Coast Basin  MacAyeal Basin  Northern Rift Basin  Onset Basin  Trunk D basin  Coastal Basin  Siple Coast Rift  NA | upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  upper Mesozoic to Quaternary  upper Cenozoic to Quaternary  upper Mesozoic to Quaternary  NA | 3  3  3  3  3  3  -2  0 |
| Thurston | WA\_TI\_XC | NA | NA | 0 |
| Weddell | WA\_WS\_BIR  WA\_WS\_BIS  WA\_WS\_CSW  WA\_WS\_FTR  WA\_WS\_WR  WA\_WS\_NW  WA\_WS\_LB  WA\_WS\_XVC  WA\_WS\_XVJ  WA\_WS\_XC | Bungenstock  Berkner Island  Central South Weddell  Filchner-Thiel Rift  Western Rift  Northwest Basin  Larsen Basin  Chon Aike Volcanics  James Ross Island Volcanics  NA | upper Cenozoic to Quaternary  middle Mesozoic to Quaternary  middle Mesozoic to Quaternary  middle Mesozoic to Quaternary  middle Mesozoic to Quaternary  middle Mesozoic to Quaternary  middle Mesozoic to Quaternary  middle Mesozoic to middle Mesozoic  upper Cenozoic to Quaternary  NA | 3  3  3  3  3  3  3  1  1  0 |