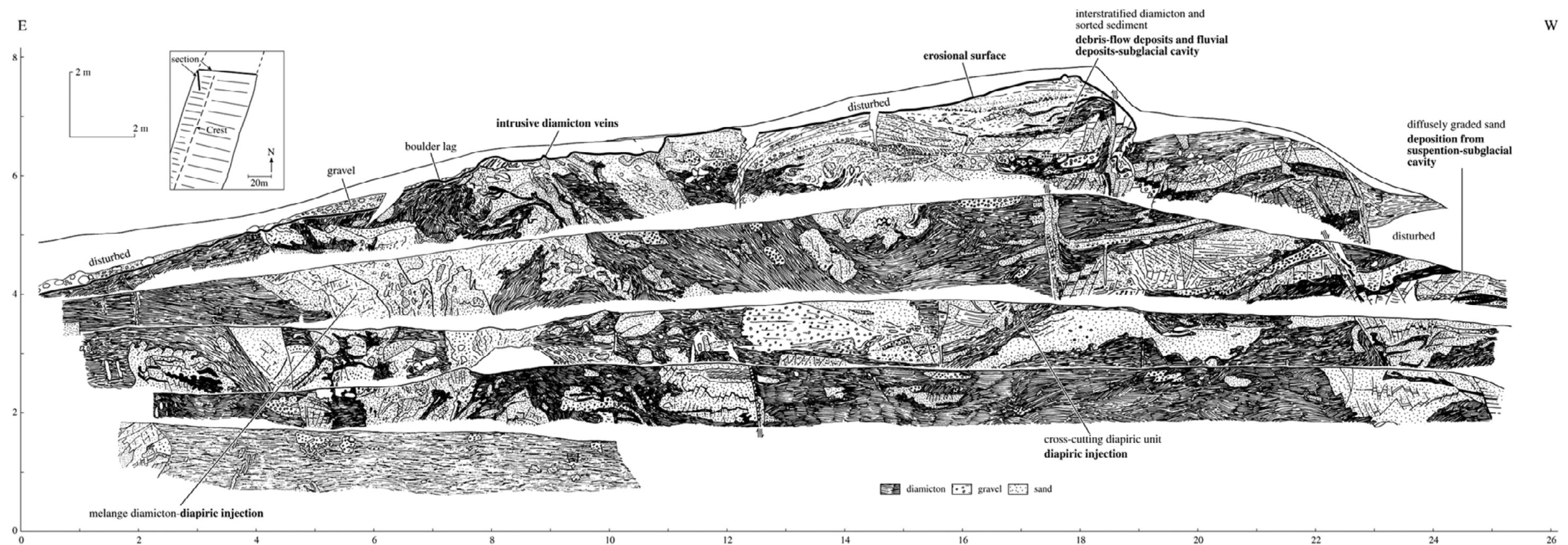

Time, Space, Speed or Scale of the Earth or Anthropocene

Anthropocene
anthropo- cene
human - era



Earth's surface



Stratigraphy

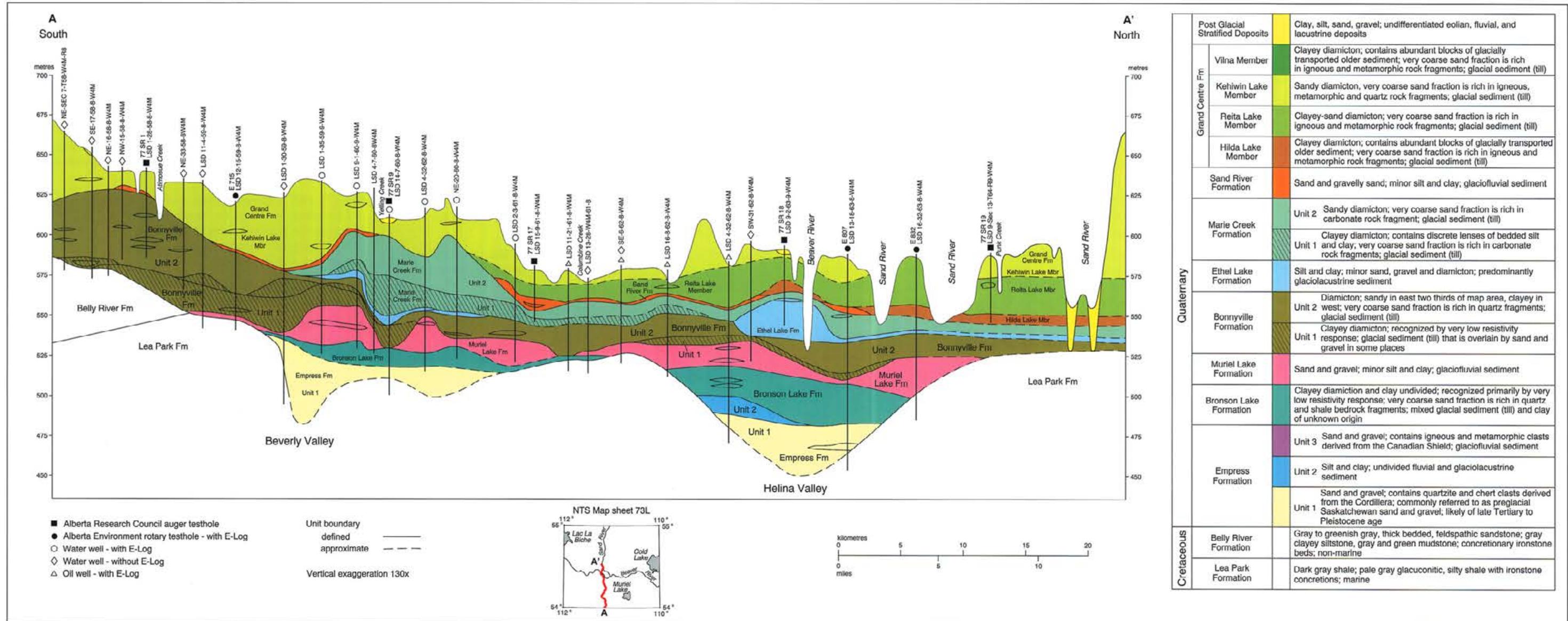
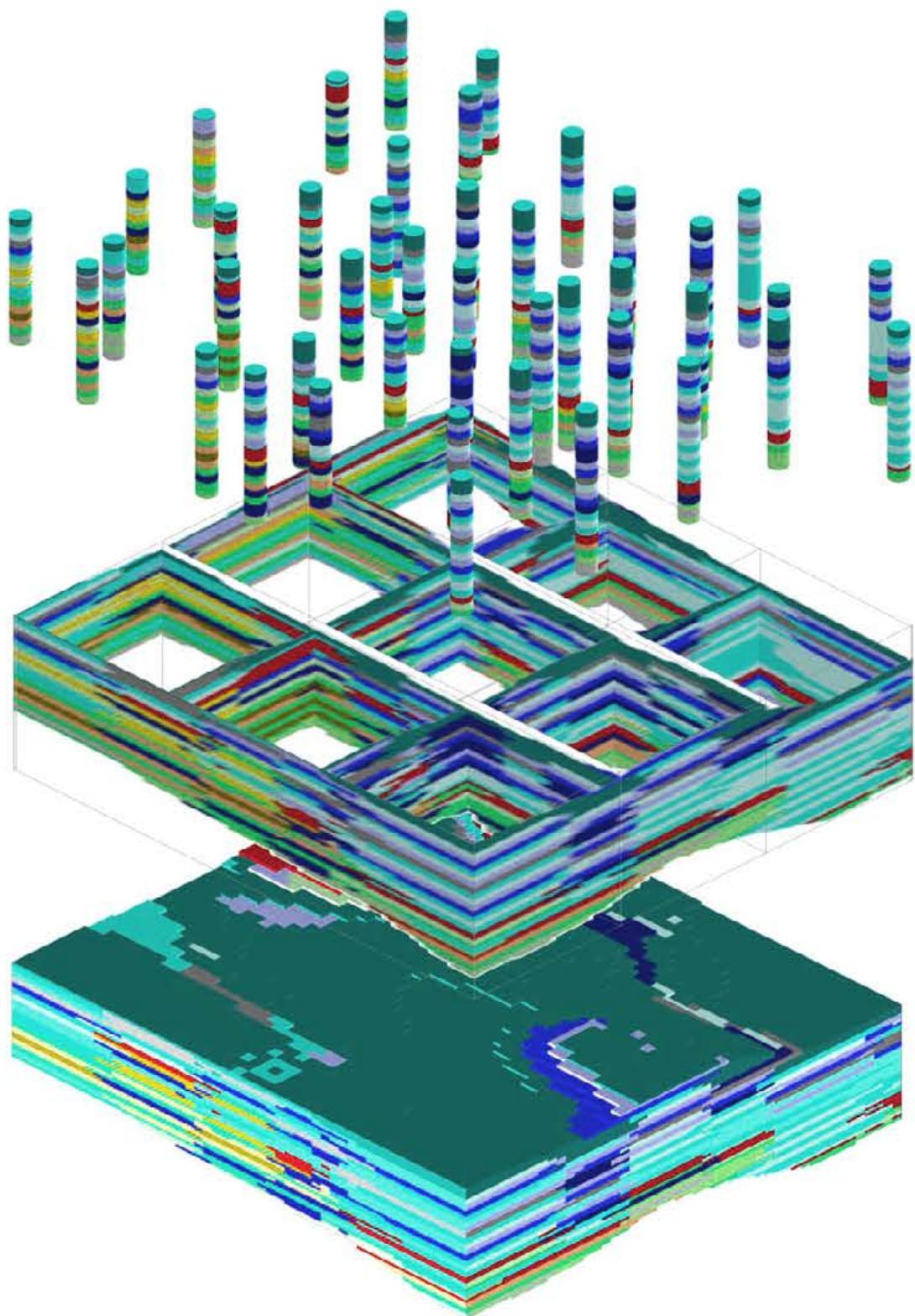


Figure 26.7 Geological cross section showing the distribution of Quaternary and late Tertiary sediment, Sand River area. Sediments consist of a series of interbedded stratified and till (diamictite) layers (from Andriashuk and Fenton, 1989).

Stratigraphy



Core Samples



ANTHROPOCENE



Uffington White Horse, Oxfordshire (700–1000 BCE)



Gallarus Oratory, Ireland (7th-12th CE)



Gallarus Oratory, Ireland (7th-12th CE)



Nazca Lines, Peru (500 BCE – 500 CE)



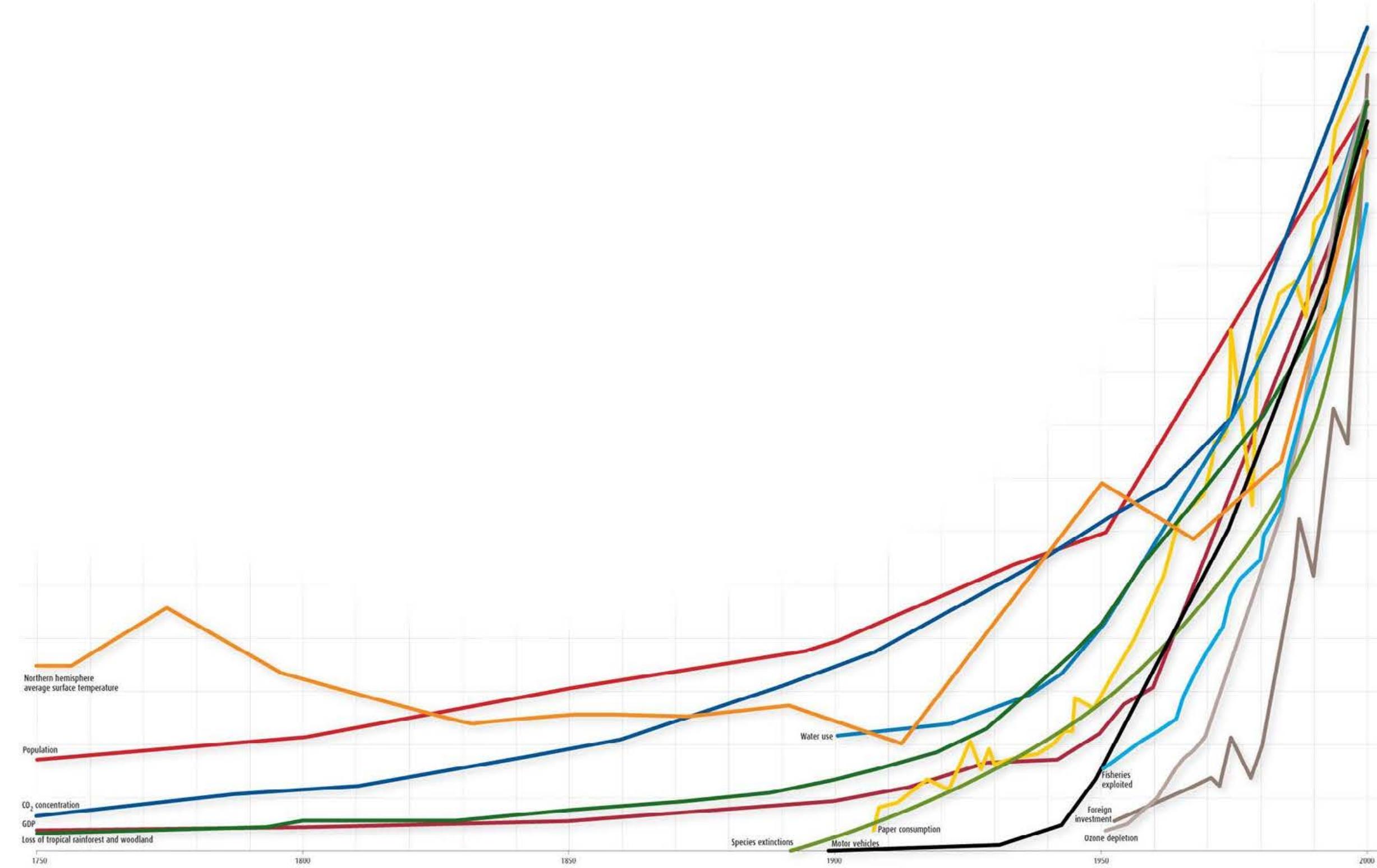
Skylab



Bolivian Farmscape



The Great Acceleration



"Hockey Stick" Curve

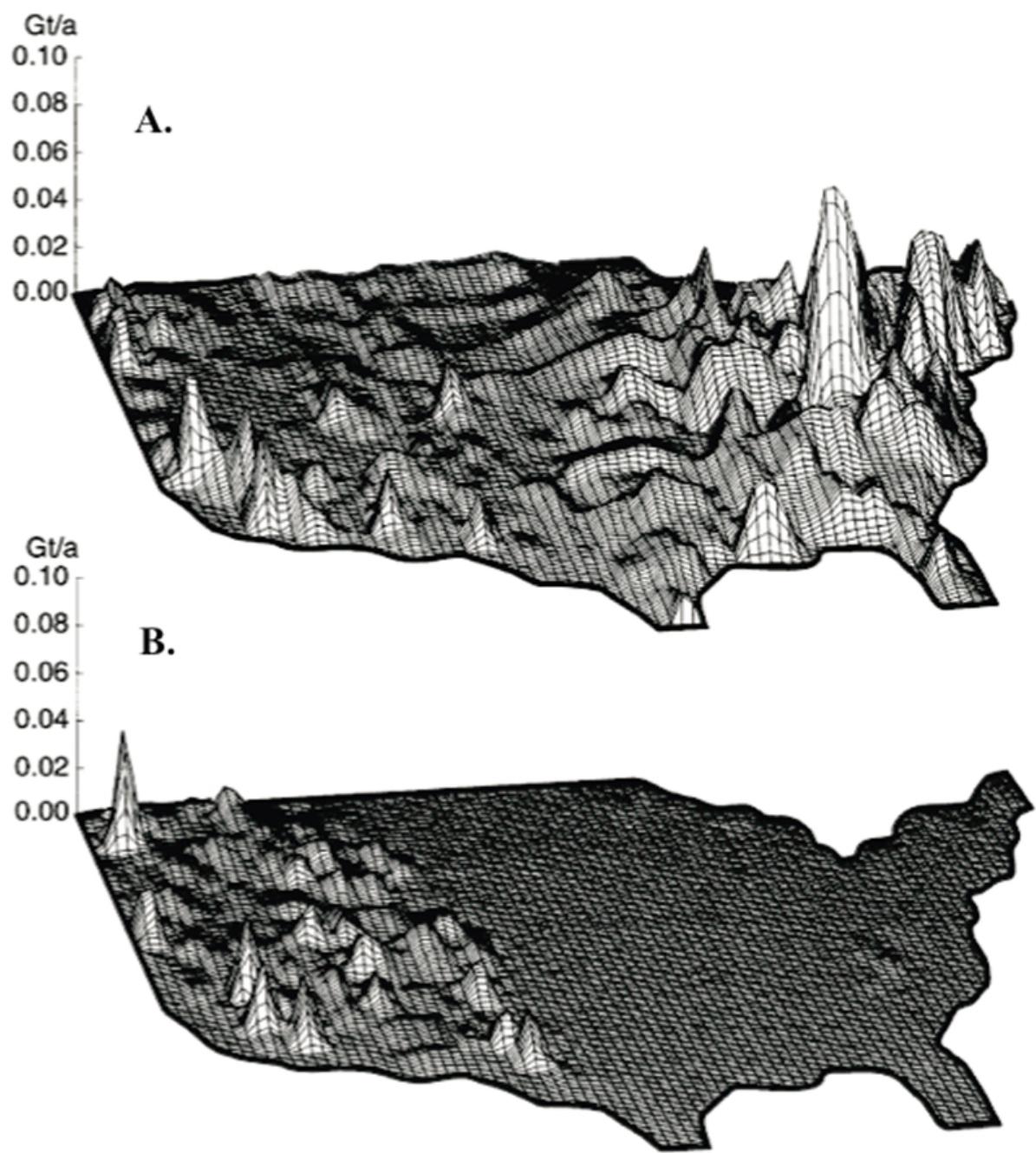
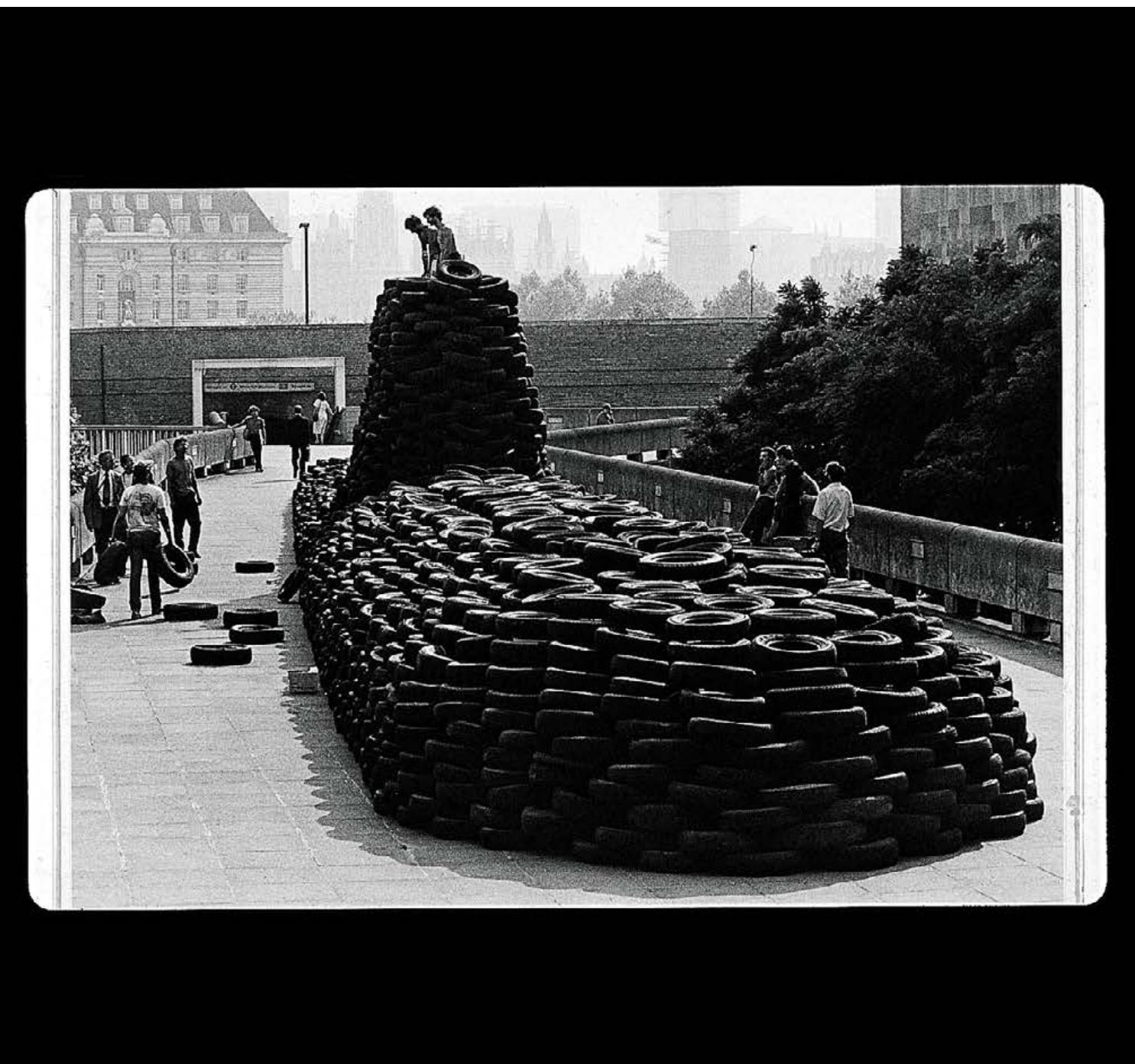
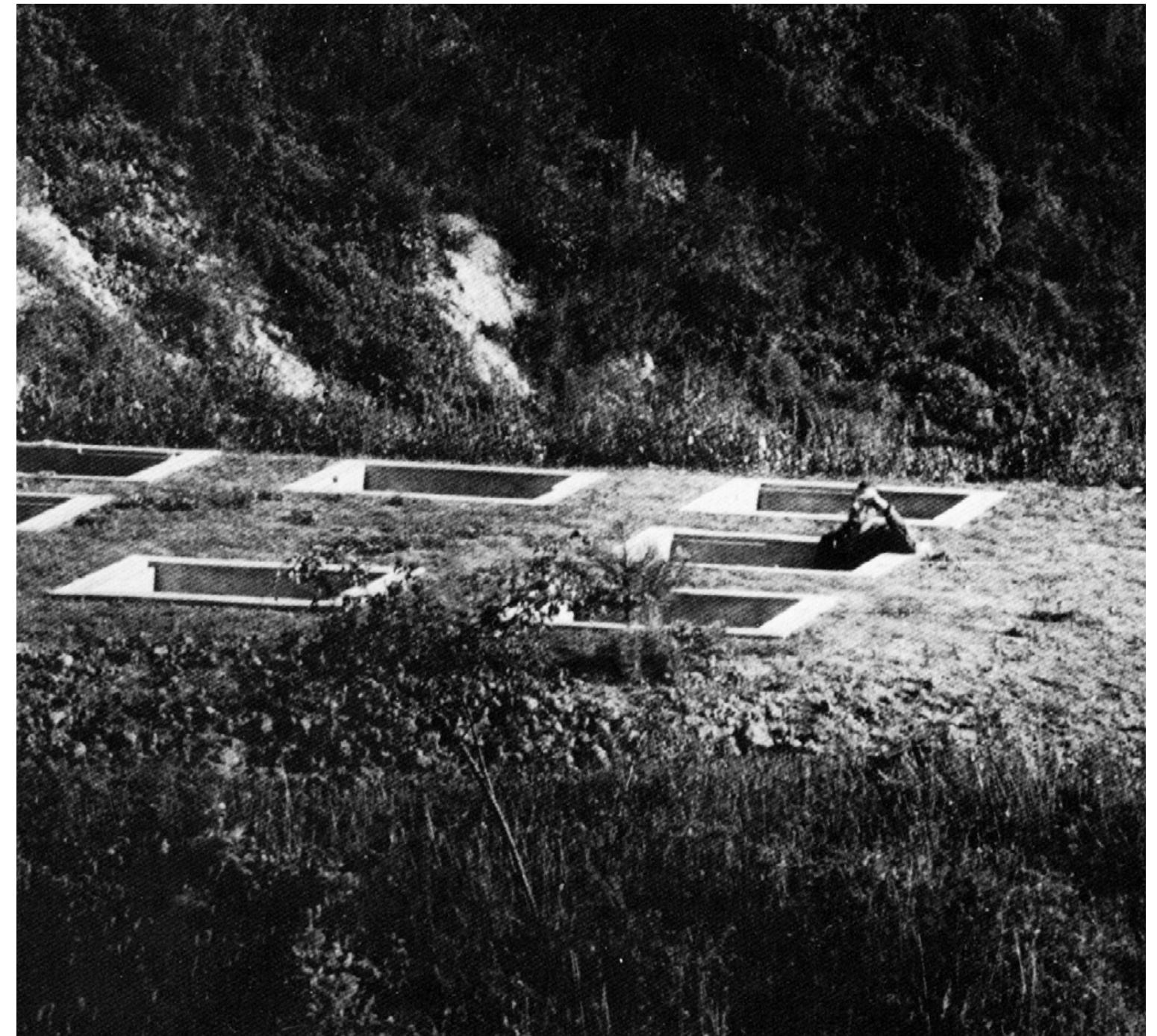


Figure 8. Earth movement by humans and streams. Maps of the United States showing, by variations in peak height, the rates at which earth is moved in gigatonnes per annum in a grid cell measuring 1° (latitude and longitude) on a side, by (A) humans and (B) rivers.



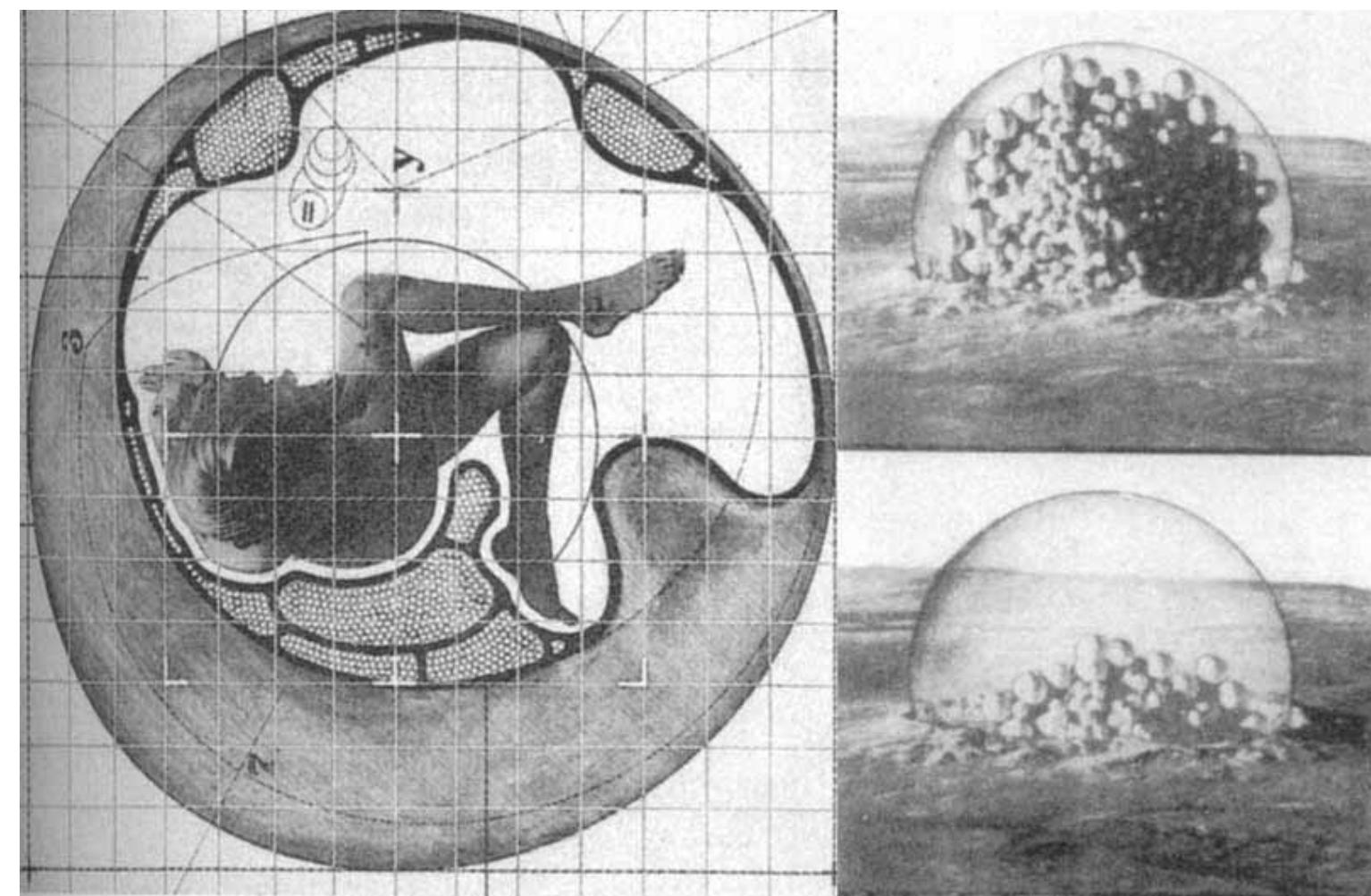
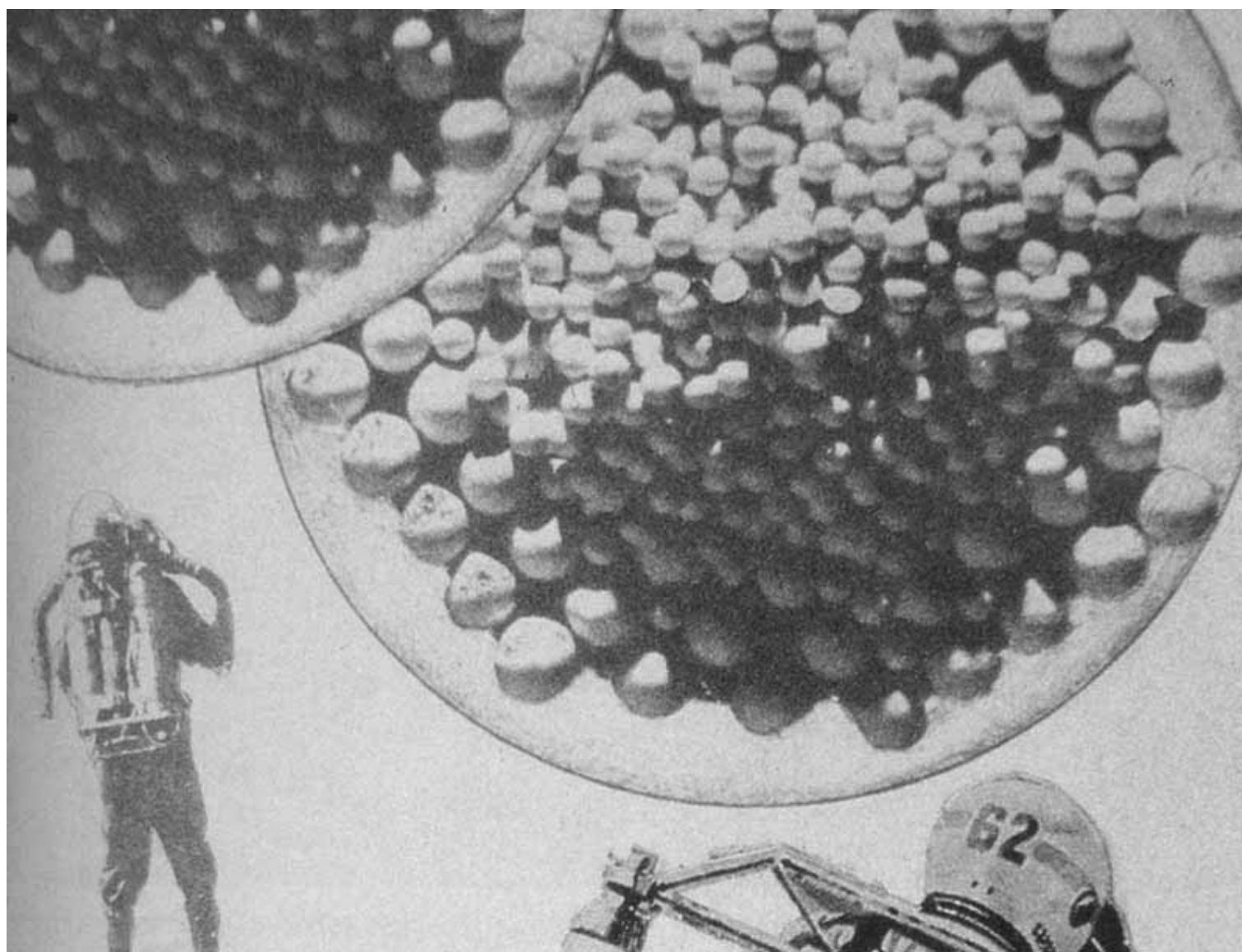
(a) Polaris by David Mach, (b) Unknown Artist



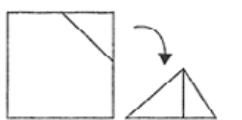
(a) Stack by Tony Cragg (1975), (b) Holes in Which to Sit by Walter Pichler



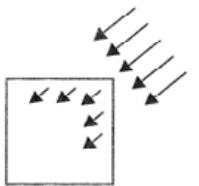
Walking in a Circle in Mist, Scotland by Richard Long (1968)



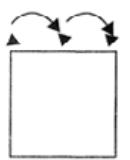
Living Spheres by Raimund Abraham

**FACET**

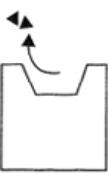
12-13, 26, 29, 31, 51, 54, 56, 70, 72-3, 77, 79, 82, 102-13, 114-23, 168-69, 187, 261, 270-74, 297, 358-59, 367, 399

**FILTER**

23, 26-27, 31, 49, 56, 71, 77, 225, 222-29, 230-37, 251, 275-76, 282-83, 288-89, 291, 298, 306-13, 314-19, 331, 368-69, 369, 370, 398, 400-07, 418-19, 426-29, 432-33, 459, 461-62

**SALTATE**

23, 77, 78, 146, 269, 328

**SCOUR**

12, 22, 43, 97, 143, 144, 210-11, 302, 307, 373-79, 448-49, 450-51

**SEEP**

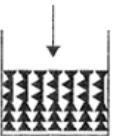
43, 82, 61, 194, 195, 198, 224-25, 228, 251, 462

**SEDIMENT**

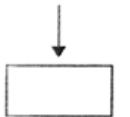
12, 143, 144, 153, 157, 162, 225, 294-95, 302

**GLACIATE**

43, 85-101, 133-35, 159, 161, 213, 261, 293-305, 314-19

**GRADATE**

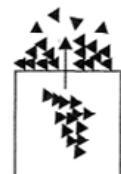
21, 25-27, 43, 56, 61, 135, 143, 195, 247, 251, 267-69, 287, 290-91, 293-305, 306-313, 314-319, 320-327, 328-44, 347-52, 365, 369, 371, 380-391, 392-399, 430-43, 455, 460, 462

**SETTLE**

12, 22, 87-88, 89-90, 228-29, 238, 248, 300-301, 320-27

**SLUMP**

21, 31, 43, 77, 85, 134, 135, 146, 213, 246, 320-27, 454-55

**SPEW**

141, 146, 270-71, 288

**SUBDUCT**

23, 26, 29, 77, 124-31, 230-37, 257, 268, 368, 392-99

**OSMOSE**

16-17, 51, 340-42

**PRECIPITATE**

79, 188, 270-74, 392-99, 400-07

**SUBMERGE**

32-33, 180-81, 206, 230-37, 251, 358, 370, 460

**SURGE**

26, 27, 56, 77, 96-101, 136, 207, 246, 257, 302, 337, 368, 380-91, 414-15, 424, 427, 432-33, 448, 454-55, 462

**TERRACE**

6-13, 18-19, 30, 126, 134, 241, 244, 322, 28, 31, 38-39, 46, 51, 64-65, 68-69, 77, 83, 102-13, 124-31, 143, 151, 152, 204, 222-29, 244, 246, 257, 278-79, 288, 358-61, 459

**TUNNEL**

26, 29, 138, 152, 239, 251, 294-95, 302, 358-59, 368, 370



Index of Geological Forms by Stan Allen



Next Generation Wildlife Crossing