

Photographs of NIED Nojima fault drilling cores at Hirabayashi site: CD-ROM volumes

Kentaro Omura[1], Takashi Arai[2], Kenta Kobayashi[3], Koji Shimada[4], Hidemi Tanaka[5], Tomoaki TOMITA[6], Satoshi Hirano[7], Tatsuo Matsuda[1], Ryuji Ikeda[1]

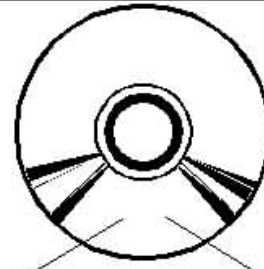
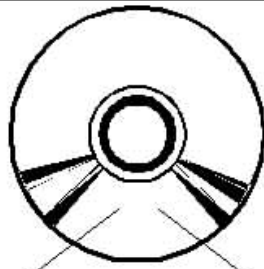
[1] NIED, [2] Earth and Planetary Sci., Univ. of Tokyo, [3] Grad. Sch. Sci. & Tech., Niigata Univ., [4] Advanced Res. Inst. Sci. Eng., Waseda Univ., [5] Dept. of Earth and Planet Sci., Univ. Tokyo, [6] Geoscience Inst., Univ. of Tsukuba, [7] IFREE, JAMSTEC

We collected fault zone cores continuously from 1000m to 1838m depth of Nojima Fault which activated during the 1995 Hyogoken Nanbu Earthquake by drilling through the fault about one year after the earthquake. Cores are all granitic rocks including porphyritic intrusive rocks in spots and remarkably fractured zones consisting of cataclastic rocks at three depths around 1140, 1300m and 1800m. Core samples in fracture zones were so damaged that we fixed the surface of each core piece with an epoxy resin and cut it vertically into two halves. A cutting surface of one of two halves was fixed again by epoxy resin and was polished into plane surface (polished piece). The other half of core was used for chemical analysis or making thin section, e.t.c.. Total about 2210 polished pieces were made by cores from three fracture zone intervals: 1054 - 1189.6m, 1276.7 - 1336.7m and 1774.9 - 1828.4m. We took photographs of all cores placed in core boxes and all polished pieces' surfaces. Those photographs were converted into digitized images (JPEG format) and stored in two volumes of CD-ROM.

The each CD-ROM volume include two folders; one contain core box photographs, the other consist of folders corresponding core box in fracture zones, which contains polished pieces photographs. The latter folder, in addition, contains table (Microsoft Excel file) that correspond the core piece number to the depth. Those digitized image of fracture zone cores are suitable for mesoscopic observation and quantitative image processing. The CD-ROM volumes will be distributed to applicants soon after the Workshop.

NIED Hirabayashi Core 1_2

NIED Hirabayashi Core 2_2



CorePiecePhoto1_2

CoreBoxPhoto1_2

CorePiecePhoto2_2

CoreBoxPhoto2_2

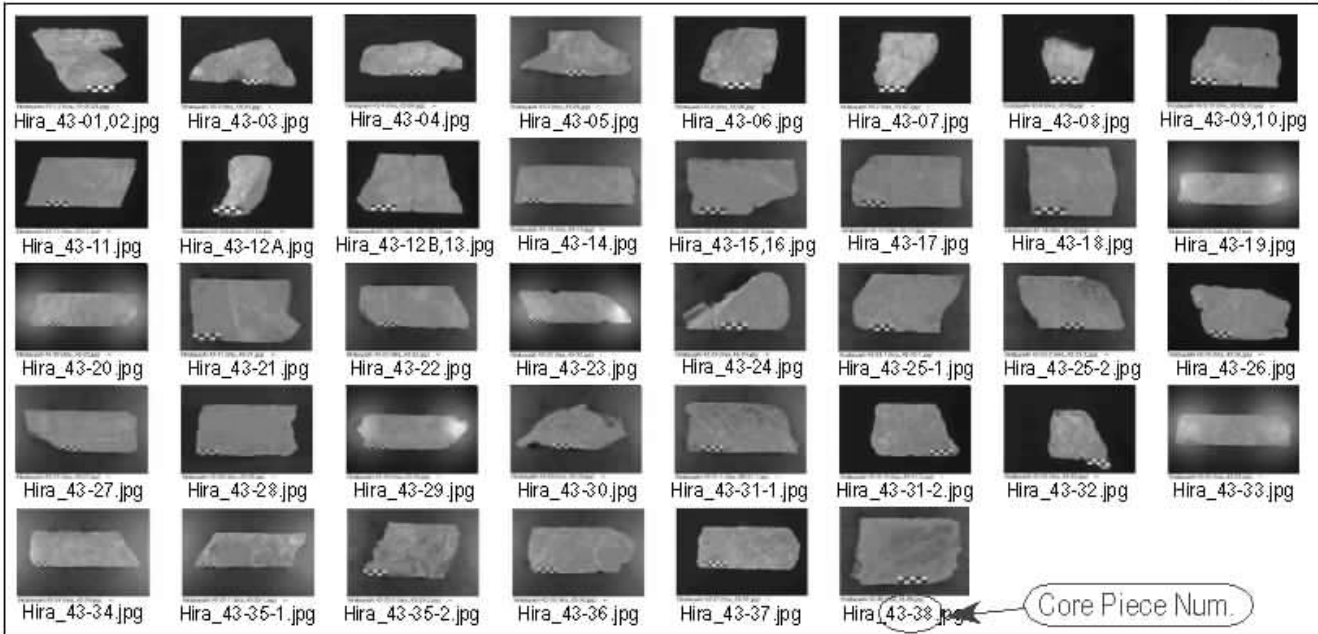
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- Hirabayashi Core 2.jpg
- Hirabayashi Core 3.jpg
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- Hirabayashi Core 100.jpg

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- Hirabayashi Core 101.jpg
- Hirabayashi Core 102.jpg
- Hirabayashi Core 103.jpg
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- Hirabayashi Core 1000.jpg

Core Box Num.



Core Piece Num.