



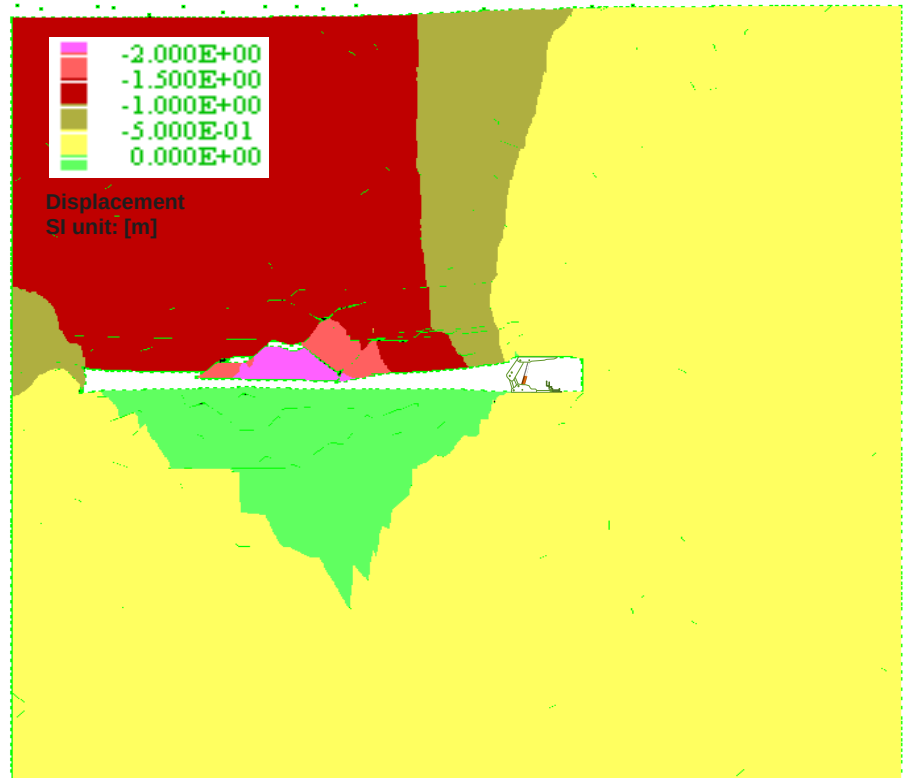
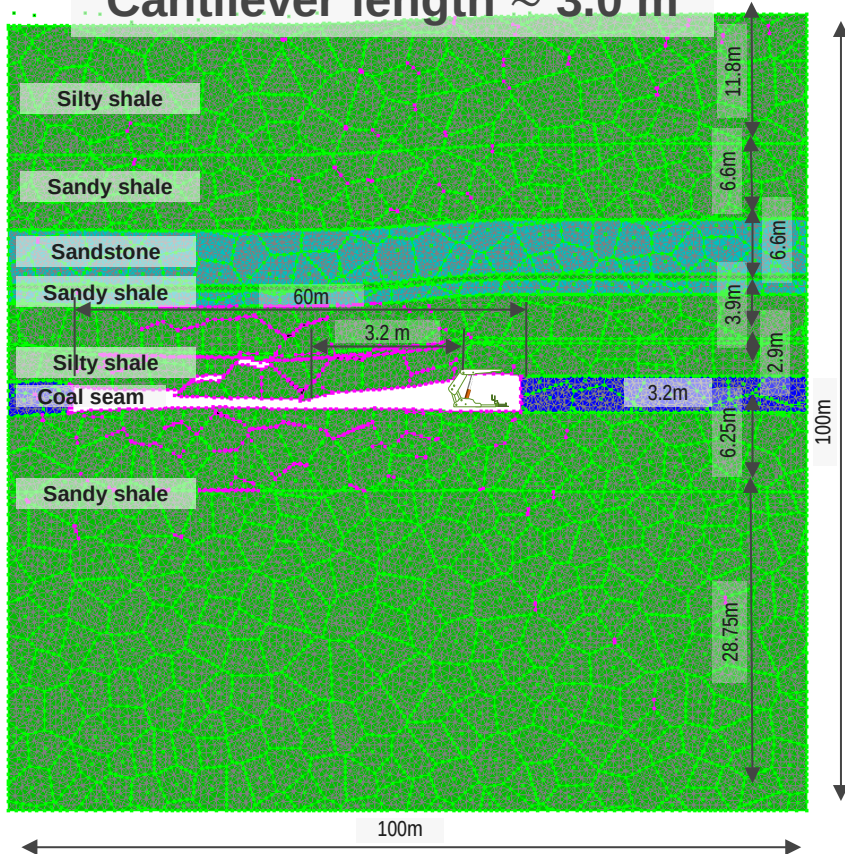
G Ł Ó W N Y
I N S T Y T U T
G Ó R N I C T W A

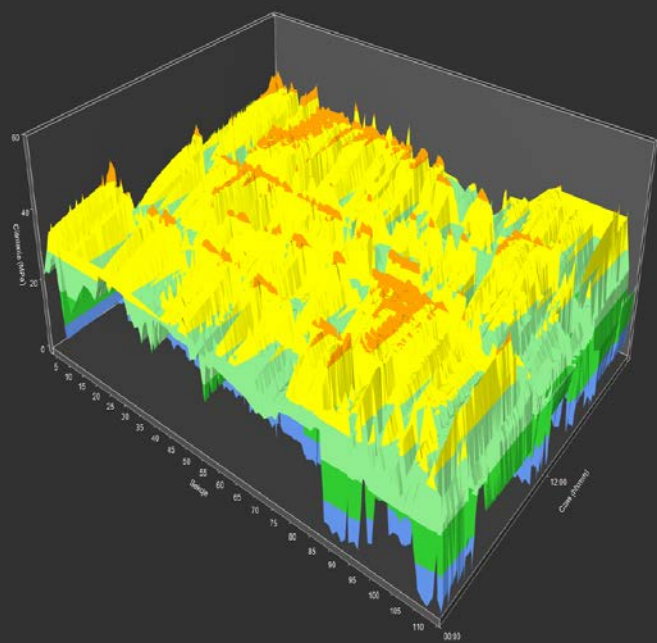
PRASS III PROJECT
PRODUCTIVITY AND SAFETY OF SHIELD SUPPORT
RFCS PROJECT # 752504
PREDICTION OF ROOF CONDITIONS BASED ON
MONITORING OF LONGWALL EQUIPMENT
OPERATIONAL CONDITIONS

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32 259 2410
srajwa@gig.eu

Numerical prediction of roof behaviour - Longwall XY

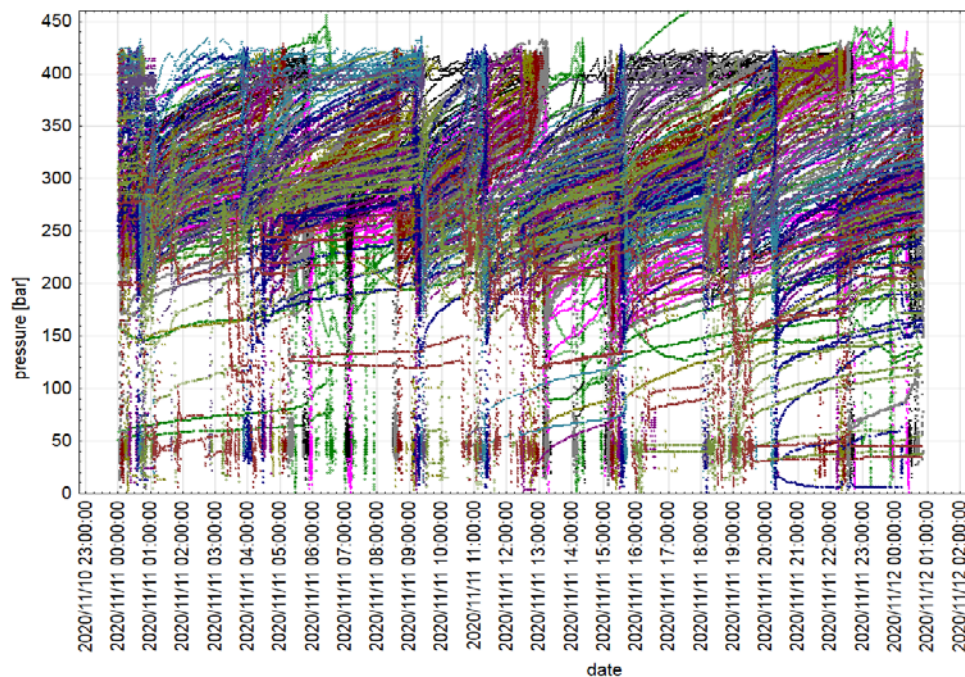
Cantilever length ~ 3.0 m





Data processing

Wykres rozrzutu pressure [bar] względem date; kategorie względem Zmn3
budyk_wy_ca_d11_v1_dec_skr_xx_v1.sta 5v*286565c

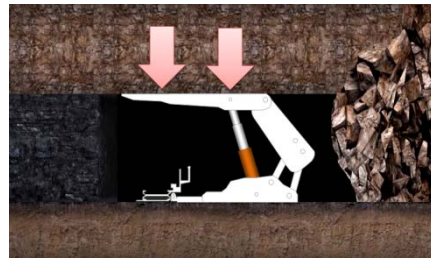


- Zmn3: (0;s010_1]
- Zmn3: (s010_1;s020_1]
- Zmn3: (s020_1;s030_1]
- Zmn3: (s030_1;s040_1]
- Zmn3: (s040_1;s050_1]
- Zmn3: (s050_1;s060_1]
- Zmn3: (s060_1;s070_1]
- Zmn3: (s070_1;s080_1]
- Zmn3: (s080_1;s090_1]
- Zmn3: (s090_1;s100_1]
- Zmn3: (s100_1;s110_1]
- Zmn3: (s110_1;240]

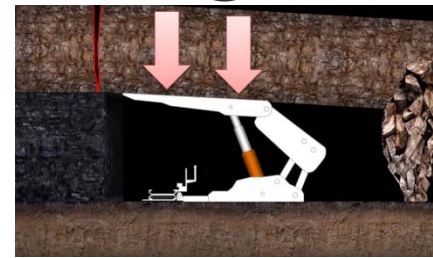
A



B



C



JSW S.A. KWK Budryk Ściana: Cz-2

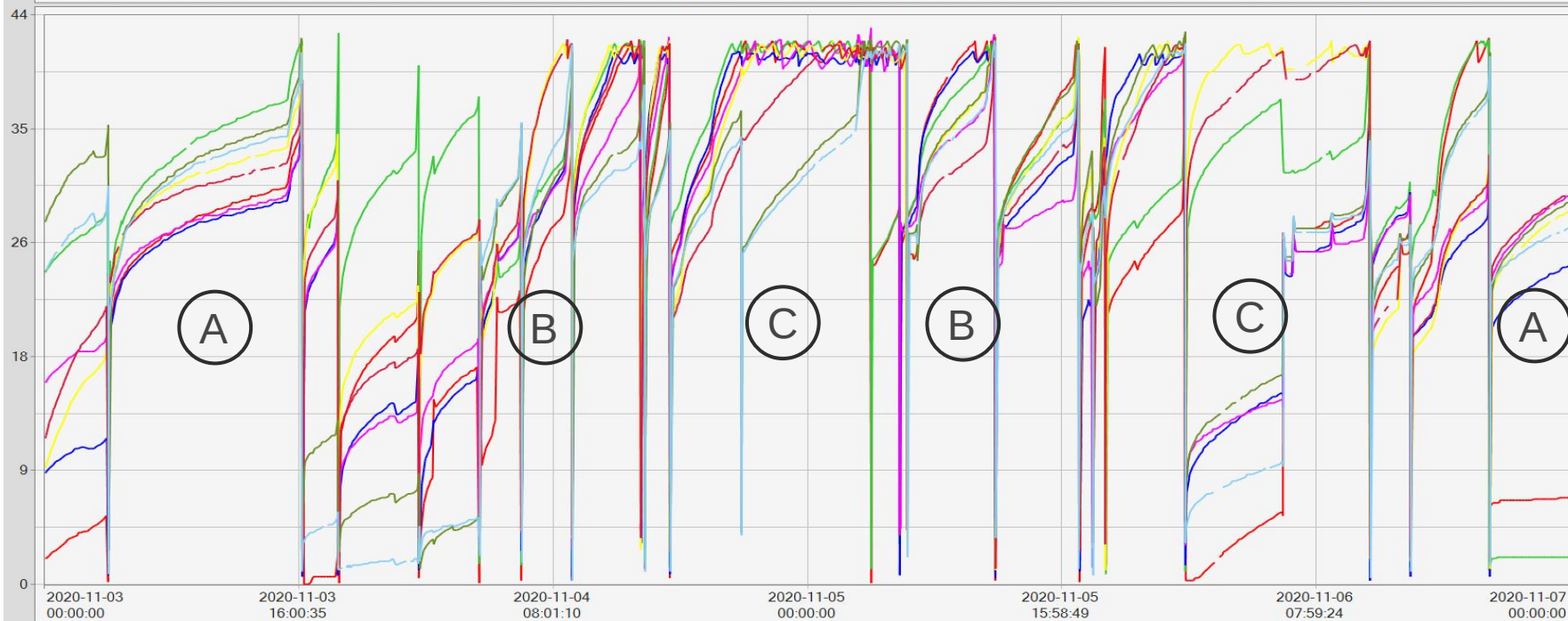
Rozkład ciśnień w ścianie: 03.11.2020 00:00:00



Rozkład ciśnień w ścianie: 07.11.2020 00:00:00



■ 54 - Stojak lewy (MPa) ■ 54 - Stojak prawy (MPa) ■ 55 - Stojak lewy (MPa) ■ 55 - Stojak prawy (MPa) ■ 56 - Stojak lewy (MPa) ■ 56 - Stojak prawy (MPa) ■ 57 - Stojak lewy (MPa) ■ 57 - Stojak prawy (MPa)



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