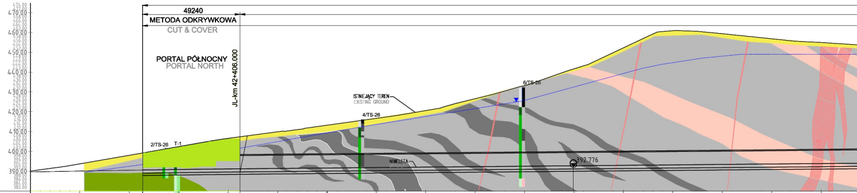
NAWA LEWA (JL) = NAWA WSCHODNIA (JL)
KIERUNEK LEGNICA

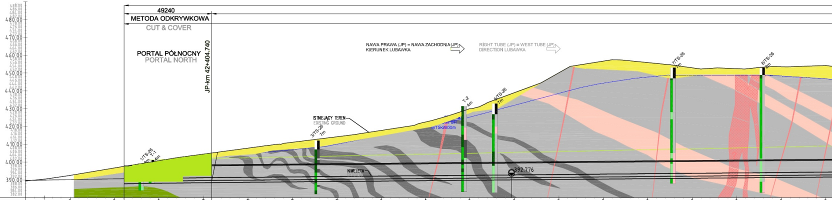
STAN NA DZIEŃ: 22.02.2021

🟩 **- Roboty wykonane**


49240
METODA ODKRYWKOWA
CUT & COVER
PORTAL PÓŁNOCNY
PORTAL NORTH
JL-km 42+406.000
ISTNIEJĄCY TEREN
EXISTING GROUND
2/TS-26
T-1
4/TS-26
6/TS-26
NIWELETA
GRADIENT
392.776
470.00
460.00
450.00
440.00
430.00
420.00
410.00
400.00
390.00
mnpm = 380.00

KILOMETRAŻ - JL [km] CHAINAGE - JL [km]	POZIOM TERENU ISTNIEJĄCEGO [m] EXISTING GROUND LEVEL [m]	POZIOM NIWELETY [m] GRADIENT LEVEL [m]
42+325.000	393.736	
42+350.000	398.049	
42+375.000	402.432	390.893
42+400.000	406.597	391.192
42+425.000	409.920	391.436
42+450.000	413.236	391.659
42+475.000	416.716	391.883
42+500.000	420.597	392.107
42+525.000	426.566	392.331
42+550.000	433.122	392.555
42+575.000	441.633	392.779
42+600.000	452.234	393.002
42+625.000	460.873	393.226
42+650.000	459.368	393.450
42+675.000	456.809	393.674
42+700.000	454.912	393.898

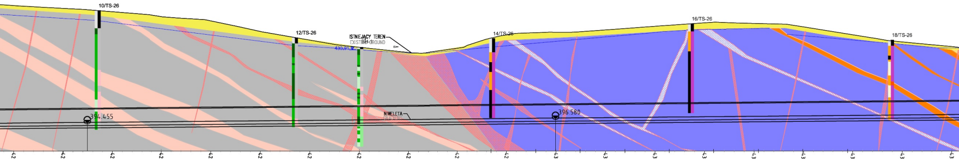
WYJŚCIE AWARYJNE
CROSS PASSAGE
42+356.760 JL-km
217990mm
CPP1 JL-km 42+574.750
187500mm


49240
METODA ODKRYWKOWA
CUT & COVER
PORTAL PÓŁNOCNY
PORTAL NORTH
JP-km 42+404.740
NAWA PRAWA (JP) = NAWA ZACHODNIA (JP)
KIERUNEK LUBAWKA
RIGHT TUBE (JP) = WEST TUBE (JP)
DIRECTION LUBAWKA
ISTNIEJĄCY TEREN
EXISTING GROUND
1/TS-26
T-1
4m
3/TS-26
7m
T-2
4m
5/TS-26
7m
7/TS-26
8/TS-26
NIWELETA
GRADIENT
392.776
480.00
470.00
460.00
450.00
440.00
430.00
420.00
410.00
400.00
390.00
mnpm = 380.00

KILOMETRAŻ - JP [km] CHAINAGE - JP [km]	POZIOM TERENU ISTNIEJĄCEGO [m] EXISTING GROUND LEVEL [m]	POZIOM NIWELETY [m] GRADIENT LEVEL [m]
42+325.000	392.459	
42+350.000	396.668	
42+375.000	400.795	390.910
42+400.000	404.494	391.206
42+425.000	407.838	391.447
42+450.000	411.091	391.671
42+475.000	414.193	391.895
42+500.000	417.787	392.118
42+525.000	422.581	392.342
42+550.000	429.928	392.566
42+575.000	438.942	392.790
42+600.000	450.090	393.014
42+625.000	456.673	393.238
42+650.000	455.888	393.462
42+675.000	452.958	393.685
42+700.000	452.452	393.909
42+725.000	453.571	394.133
42+750.000	454.241	394.357

WYJŚCIE AWARYJNE
CROSS PASSAGE
42+355.500 JP-km
217988mm
CPP1 JP-km 42+573.488
187500mm

1117990 (CPV)


10/TS-26
12/TS-26
ISTNIEJĄCY TEREN
EXISTING GROUND
BH-1
430,91
14/TS-26
16/TS-26
18/TS-26
394.455
NIWELETA
GRADIENT
396.580

42+725.000	42+750.000	42+775.000	42+800.000	42+825.000	42+850.000	42+875.000	42+900.000	42+925.000	42+950.000	42+975.000	43+000.000	43+025.000	43+050.000	43+075.000	43+100.000	43+125.000	43+150.000	43+175.000	43+200.000
453.341	451.907	450.193	447.733	445.597	440.294	435.938	432.326	429.676	431.754	438.492	439.824	440.998	442.824	444.560	444.257	442.519	438.540	434.932	432.608
394.122	394.346	394.569	394.793	395.017	395.241	395.465	395.689	395.912	396.136	396.359	396.583	396.806	397.029	397.251	397.474	397.696	397.919	398.141	398.362

CPP2
JL-km
42+762.250

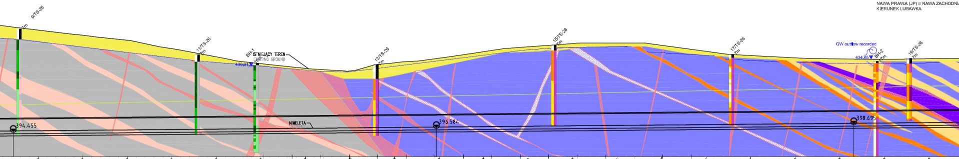
237500mm

CPP3
JL-km
42+999.75

237500mm

1110388 (CPV)

NAWA PRAWA (JP) = NAWA ZACHODNIA
KIERUNEK LUBAWKA


9/TS-26
7m
11/TS-26
7m
BH-1
ISTNIEJĄCY TEREN
EXISTING GROUND
430,91
13/TS-26
7m
15/TS-26
7m
17/TS-26
7m
GW outflow recorded
434,85
BH-2
17m
19/TS-26
7m
394.455
NIWELETA
GRADIENT
396.584
398.695

42+775.000	42+800.000	42+825.000	42+850.000	42+875.000	42+900.000	42+925.000	42+950.000	42+975.000	43+000.000	43+025.000	43+050.000	43+075.000	43+100.000	43+125.000	43+150.000	43+175.000	43+200.000	43+225.000	43+250.000	43+275.000
451.099	448.219	445.400	440.677	436.077	432.266	429.579	428.097	432.626	435.237	438.896	441.612	443.454	443.783	442.463	439.088	436.733	435.415	434.857	434.556	434.984
394.581	394.805	395.028	395.252	395.476	395.700	395.924	396.148	396.373	396.597	396.822	397.046	397.271	397.496	397.722	397.947	398.172	398.398	398.624	398.849	399.075

CPP2
JP-km
42+760.988

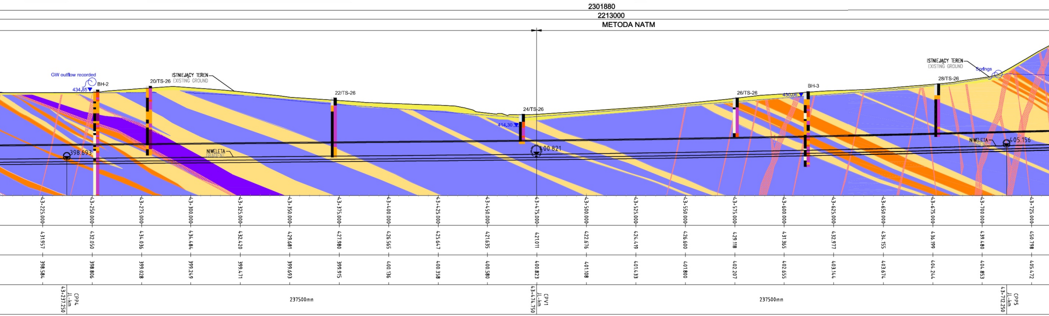
237512mm

CPP3
JP-km
42+998.500

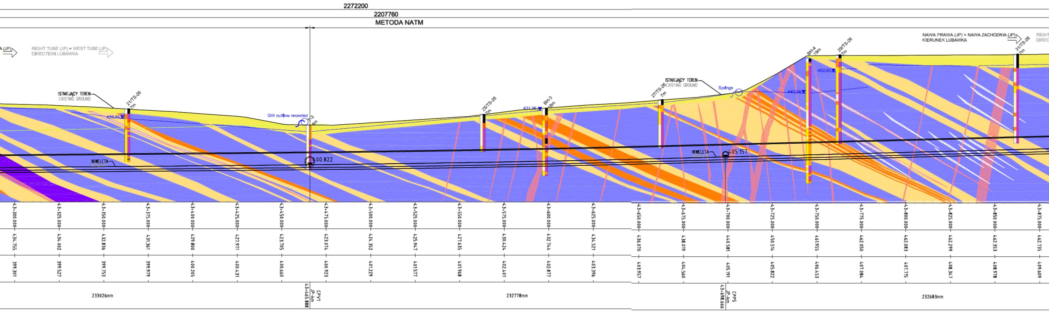
234362mm

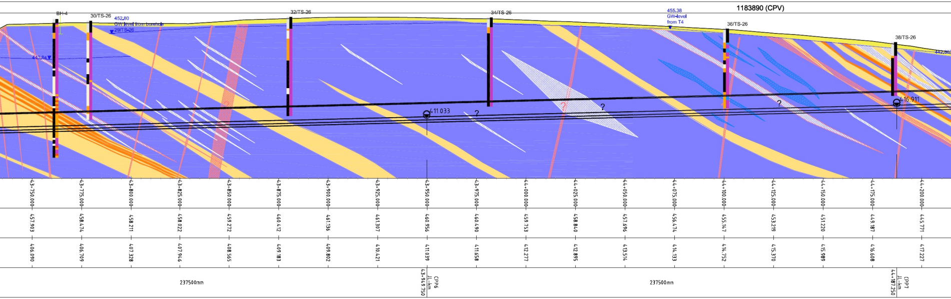
CPP4
JP-km
43+232.862

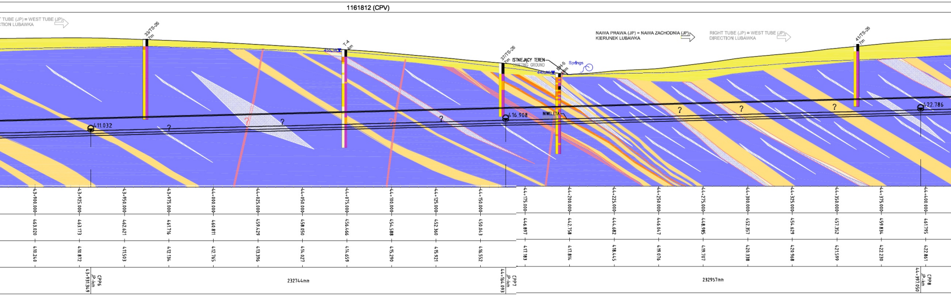
TS-26
NAWA LEWA

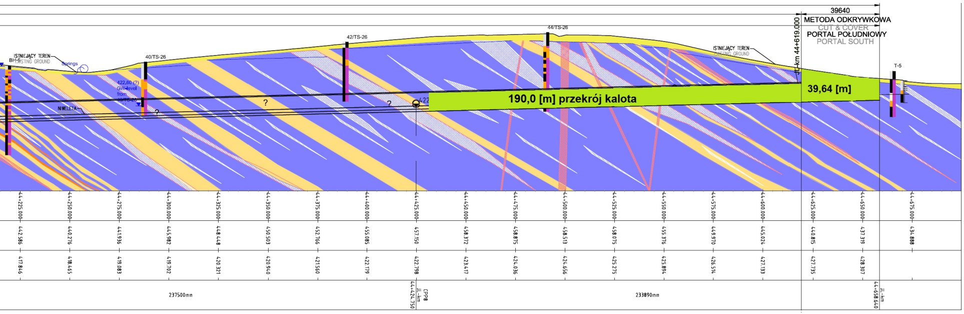

2301880
2213000
METODA NATM
GW outflow recorded
434,85
BH-2
20/TS-26
ISTNIEJĄCY TEREN
EXISTING GROUND
22/TS-26
24/TS-26
414,30
26/TS-26
430,06
BH-3
28/TS-26
Springs
398.693
NIWELETA
GRADIENT
400.821
405.156
43+225.000
43+250.000
43+275.000
43+300.000
43+325.000
43+350.000
43+375.000
43+400.000
43+425.000
43+450.000
43+475.000
43+500.000
43+525.000
43+550.000
43+575.000
43+600.000
43+625.000
43+650.000
43+675.000
43+700.000
43+725.000
431.957
432.050
434.036
434.484
432.420
429.681
427.980
426.565
425.647
421.635
421.011
422.676
424.419
426.600
429.118
431.365
432.977
434.155
436.199
439.480
450.798
398.584
398.806
399.028
399.249
399.471
399.693
399.915
400.136
400.358
400.580
400.823
401.108
401.433
401.800
402.207
402.655
403.144
403.674
404.244
404.853
405.472
CPP4
JL-km
43+237.250
237500mm
CPV1
JL-km
43+474.750
237500mm
CPP5
JL-km
43+712.250

TS-26
NAWA PRAWA

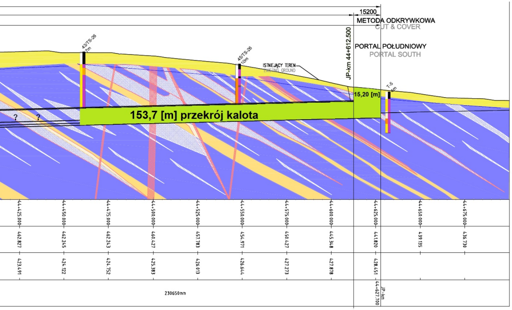

2272200
2207760
METODA NATM
A (JP)
RIGHT TUBE (JP) = WEST TUBE (JP)
DIRECTION LUBAWKA
ISTNIEJĄCY TEREN
EXISTING GROUND
21/TS-26
7m
426,66
NIWELETA
GW outflow recorded
T-3
4m
400.822
25/TS-26
7m
431,36
BH-3
18m
27/TS-26
7m
Springs
405.157
BH-4
19m
29/TS-26
7m
452,80
440,84
NAWA PRAWA (JP) = NAWA ZACHODNIA (JP)
KIERUNEK LUBAWKA
31/TS-26
7m
RIGHT
DIREC
43+300.000
43+325.000
43+350.000
43+375.000
43+400.000
43+425.000
43+450.000
43+475.000
43+500.000
43+525.000
43+550.000
43+575.000
43+600.000
43+625.000
43+650.000
43+675.000
43+700.000
43+725.000
43+750.000
43+775.000
43+800.000
43+825.000
43+850.000
43+875.000
434.755
434.002
432.836
431.361
429.800
427.971
423.705
423.074
424.352
425.947
427.635
430.424
432.744
434.521
436.070
438.019
440.581
450.514
461.955
462.050
462.083
462.299
462.353
462.735
399.301
399.527
399.753
399.979
400.205
400.431
400.660
400.923
401.229
401.577
401.968
402.401
402.877
403.396
403.957
404.560
405.191
405.822
406.453
407.084
407.715
408.347
408.978
409.609
233026mm
CPV1
JP-km
43+465.888
232778mm
CPP5
JP-km
43+698.666
232683mm


1183890 (CPV)
BH-4
30/TS-26
452.80
GW level from borehole
29/TS-26
440.84
32/TS-26
34/TS-26
455.38
GW-level
from T4
36/TS-26
38/TS-26
?
?
?
411.033
416.911
43+750.000
43+775.000
43+800.000
43+825.000
43+850.000
43+875.000
43+900.000
43+925.000
43+950.000
43+975.000
44+000.000
44+025.000
44+050.000
44+075.000
44+100.000
44+125.000
44+150.000
44+175.000
44+200.000
457.903
458.474
458.211
458.022
459.272
460.412
461.136
461.307
460.956
460.490
459.753
458.840
457.696
456.474
455.147
453.219
451.220
449.187
445.771
406.090
406.709
407.328
407.946
408.565
409.183
409.802
410.421
411.039
411.658
412.277
412.895
413.514
414.133
414.752
415.370
415.989
416.608
417.227
237500mm
CPP6
JL-km
43+949.750
237500mm
CPP7
JL-km
44+187.250


1161812 (CPV)
T TUBE (JP) = WEST TUBE (JP)
CTION LUBAWKA
33/TS-26
7m
T-4
4m
455.38
37/TS-26
7m
ISTNIEJĄCY TEREN
EXISTING GROUND
BH-5
442.86
Springs
NIWELETA
NAWA PRAWA (JP) = NAWA ZACHODNIA (JP)
KIERUNEK LUBAWKA
RIGHT TUBE (JP) = WEST TUBE (JP)
DIRECTION LUBAWKA
41/TS-26
7m
?
?
?
?
?
?
411.032
416.908
422.786
43+900.000
43+925.000
43+950.000
43+975.000
44+000.000
44+025.000
44+050.000
44+075.000
44+100.000
44+125.000
44+150.000
44+175.000
44+200.000
44+225.000
44+250.000
44+275.000
44+300.000
44+325.000
44+350.000
44+375.000
44+400.000
463.020
463.173
462.621
461.716
460.811
459.429
458.050
456.466
454.588
452.360
450.043
446.897
442.758
444.682
446.047
448.985
452.357
454.629
457.352
459.834
461.795
410.240
410.872
411.503
412.134
412.765
413.396
414.027
414.659
415.290
415.921
416.552
417.183
417.814
418.445
419.076
419.707
420.338
420.968
421.599
422.230
422.861
CPP6
JP-km
43+931.349
232744mm
CPP7
JP-km
44+164.093
232957mm
CPP8
JP-km
44+397.050


39640
METODA ODKRYWKOWA
CUT & COVER
PORTAL POŁUDNIOWY
PORTAL SOUTH
JL-km 44+619.000
44/TS-26
42/TS-26
40/TS-26
BH-6
ISTNIEJĄCY TEREN
EXISTING GROUND
Springs
422,60 (?)
GW-level
from
NIWELETA
?
190,0 [m] przekrój kalota
39,64 [m]
T-5
44+225.000
44+250.000
44+275.000
44+300.000
44+325.000
44+350.000
44+375.000
44+400.000
44+425.000
44+450.000
44+475.000
44+500.000
44+525.000
44+550.000
44+575.000
44+600.000
44+625.000
44+650.000
44+675.000
442.586
440.276
441.936
445.982
448.448
450.503
452.766
455.085
457.150
458.372
458.875
458.513
458.075
455.376
449.970
445.024
440.815
437.319
434.888
417.846
418.465
419.083
419.702
420.321
420.940
421.560
422.179
422.798
423.417
424.036
424.656
425.275
425.894
426.514
427.133
427.735
428.307
237500mm
44+424.750
JL-km
CPP8
233890mm
44+658.640
JL-km

NAWA PRAWA (JP) = NAWA ZACHODNIA (JP)
KIERUNEK LUBAWKA


15200
METODA ODKRYWKOWA
CUT & COVER
PORTAL POŁUDNIOWY
PORTAL SOUTH
JP-km 44+612.500
43/TS-26
7m
45/TS-26
10m
ISTNIEJĄCY TEREN
EXISTING GROUND
?
?
153,7 [m] przekrój kalota
15,20 [m]
T-5
4m
44+425.000
44+450.000
44+475.000
44+500.000
44+525.000
44+550.000
44+575.000
44+600.000
44+625.000
44+650.000
44+675.000
462.827
462.245
462.243
460.427
457.783
454.971
450.427
445.348
441.820
439.135
436.730
423.491
424.122
424.752
425.383
426.013
426.644
427.273
427.878
428.451
230650mm
44+627.700
JP-km