

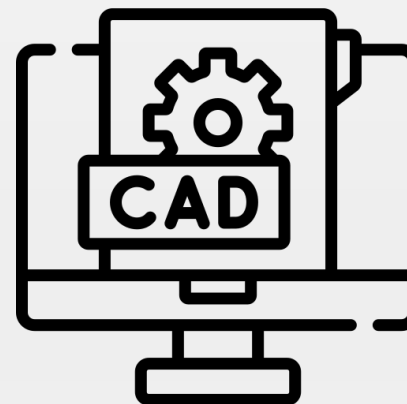


UŻYCIE QGIS W CODZIENNEJ PRACY INŻYNIERA

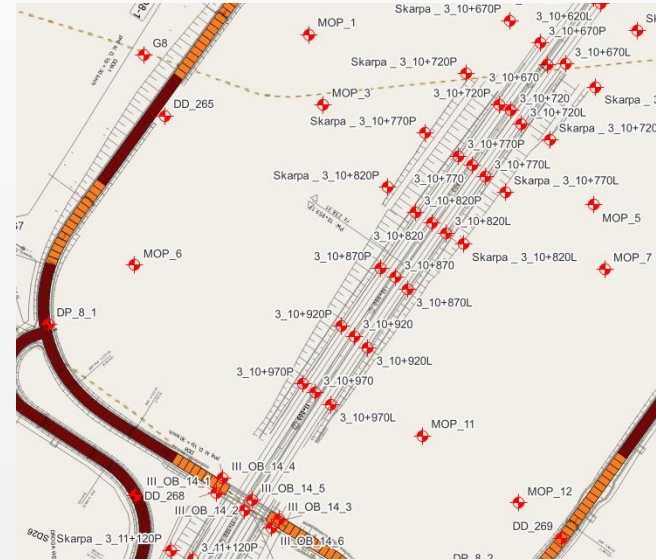
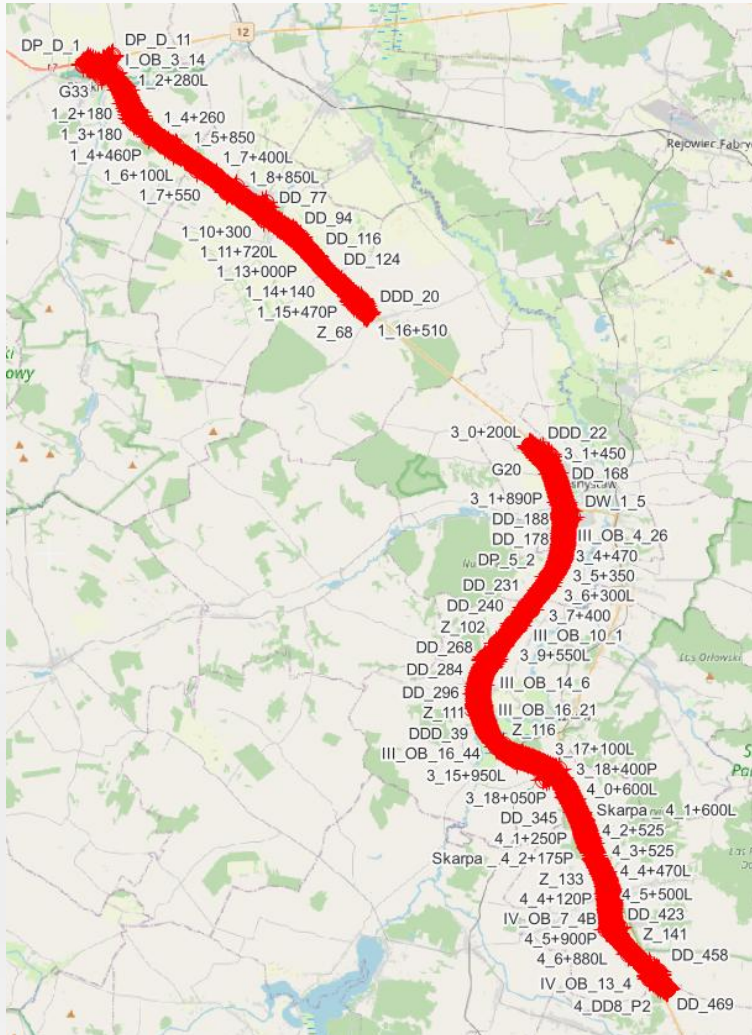


POLIMEX INFRASTRUKTURA

Piotr Zieliński



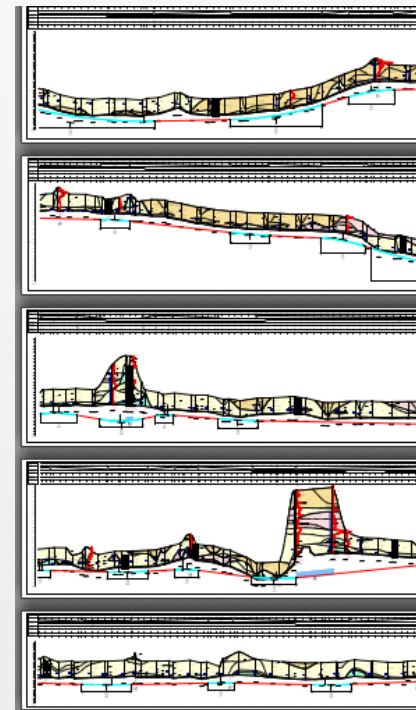
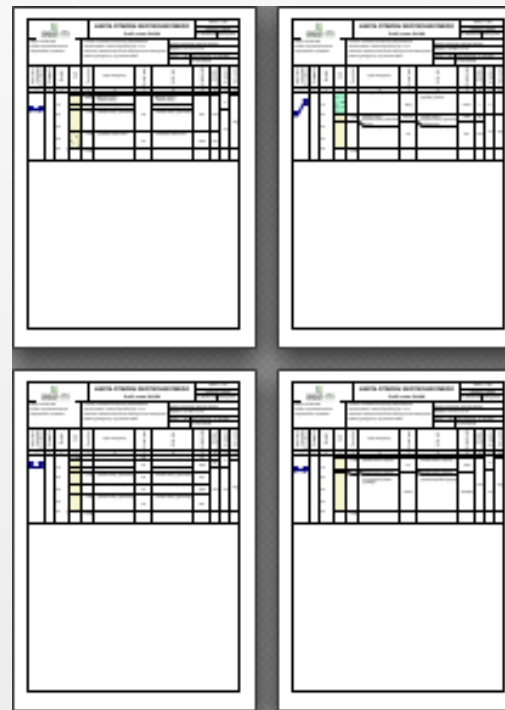
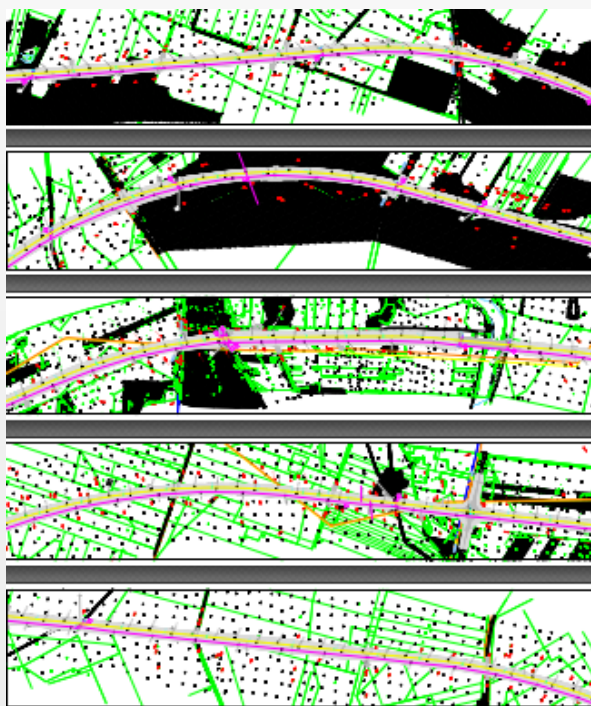
Skąd konieczność zastosowania QGISa

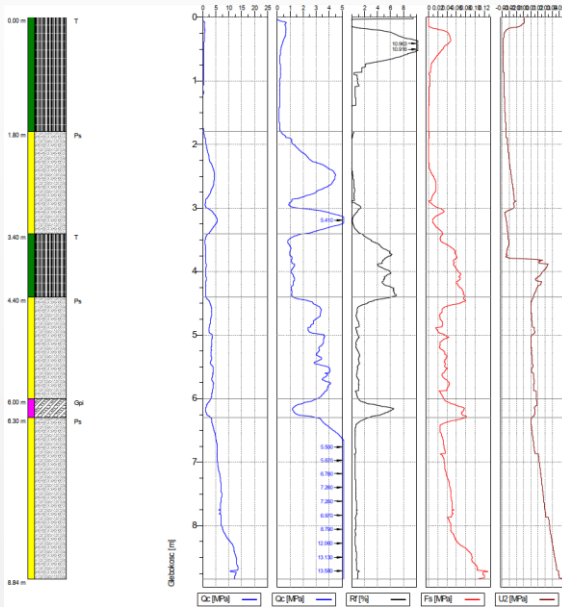


Wierzenie	Głębokość zanurzenia wody [m p.p.l.]	Stratygrafia	Skala [m]	Profil	Przebieg [m]	Opis Litologiczny
1	2	3	4	5	6	7
	0.2				0.20	Gleba, brązowa Piasek drobny, żółty
			-1.0		0.90	Piasek drobny, szary
			-3.0		3.00	

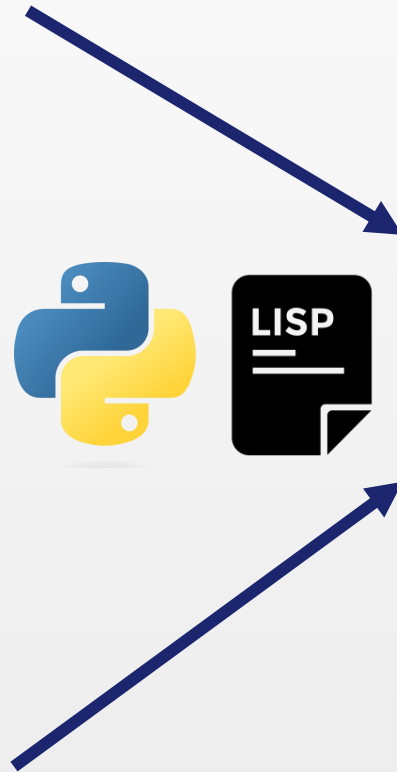
Skąd konieczność zastosowania QGISa

DBPG_tekst.pdf
DBPG_orientacja.pdf
DBPG_sytuacja.pdf
DBPG_tabela_parametrow.pdf
DBPG_przekroje_drogowe.pdf
DBPG_karty_wiercenia_drogi.pdf
DBPG_wykresy_cptu_drogi.pdf
DBPG_profile_cptu_drogi.pdf
DBPG_przekroje_objekty.pdf
DBPG_karty_wiercenia_objekty.pdf
DBPG_wykresy_cptu_objekty.pdf
DBPG_profile_cptu_objekty.pdf
DBPG_wykresy_dp.pdf





Wiercienie	Głębokość zwierciadła wody [m p.p.l]	Stratygrafia	Skala [m]	Profil	Przetnit [m]	Opis Litologiczny
1	2	3	4	5	6	7
	0.2				0.20	Gleba, brązowa Piasek drobny, żółty
			-1.0		0.90	Piasek drobny, szary
			-2.0			
			-3.0			
					3.00	

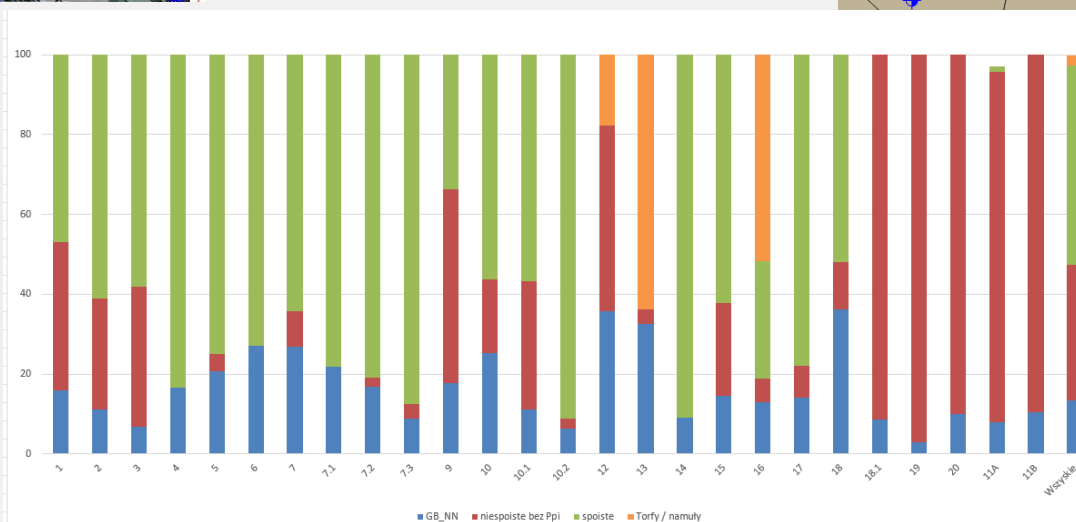
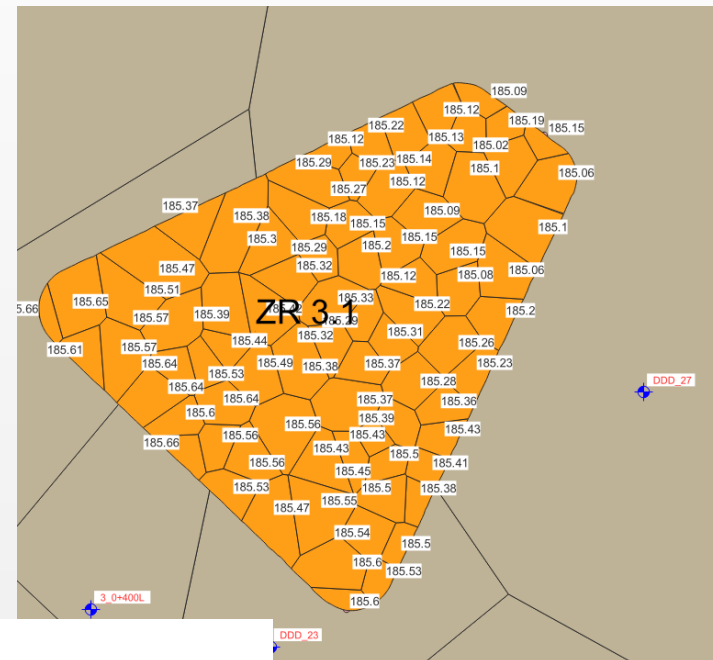
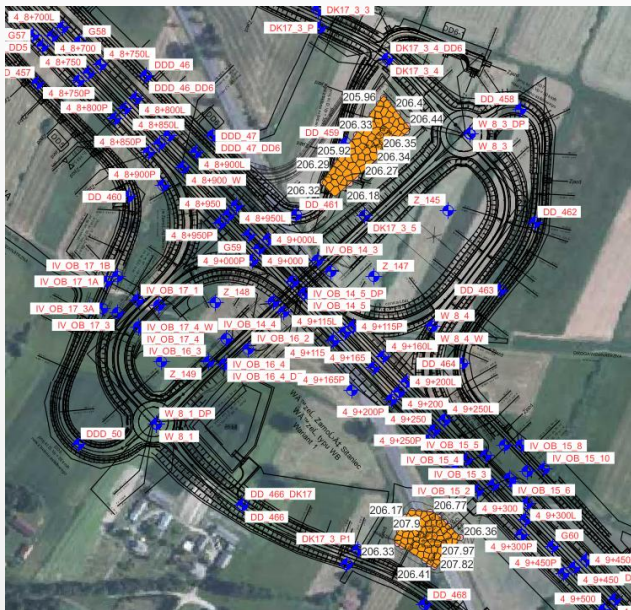


```

<FieldTest tuid="tuid_23" test_id="15+975P">
  <CRS>EPSG:2176</CRS>
  <X>5461465.38222112</X>
  <Y>5927096.333136087</Y>
  <OrdinanceDatum />
  <Commune />
  <County />
  <Voivodeship />
  <BoreholeData>
    <Level>18.89</Level>
    <DrillDate>2022.02.02</DrillDate>
    <DrillingOperator>operator</DrillingOperator>
    <Supervision>operator</Supervision>
    <DrillingSystem>operator</DrillingSystem>
    <DrillingEquipment>operator</DrillingEquipment>
    <LastUpdate>20231229190007</LastUpdate>
    <SoilLayers>
      <Data bottom="50" pn_name="HPd" iso_add="" iso_add_underline="" iso_sec="" iso_sec_underline="" />
      <Data bottom="190" pn_name="Pd" iso_add="" iso_add_underline="" iso_sec="" iso_sec_underline="" />
      <Data bottom="230" pn_name="Pd" iso_add="" iso_add_underline="" iso_sec="" iso_sec_underline="" />
      <Data bottom="270" pn_name="Gp" iso_add="" iso_add_underline="" iso_sec="" iso_sec_underline="" />
      <Data bottom="450" pn_name="Pd" iso_add="" iso_add_underline="" iso_sec="" iso_sec_underline="" />
    </SoilLayers>
    <WaterData>
      <Data water_level="1" infiltration_top="" infiltration_bot="" drilled="190" stabilized="190" />
      <Data water_level="1" infiltration_top="" infiltration_bot="" drilled="270" stabilized="190" />
    </WaterData>
  </BoreholeData>
</FieldTest>
<FieldTest tuid="tuid_24" test_id="15+987C">
  <CRS>EPSG:2176</CRS>
  <X>5461449.158914132</X>

```

Przykładowe analizy

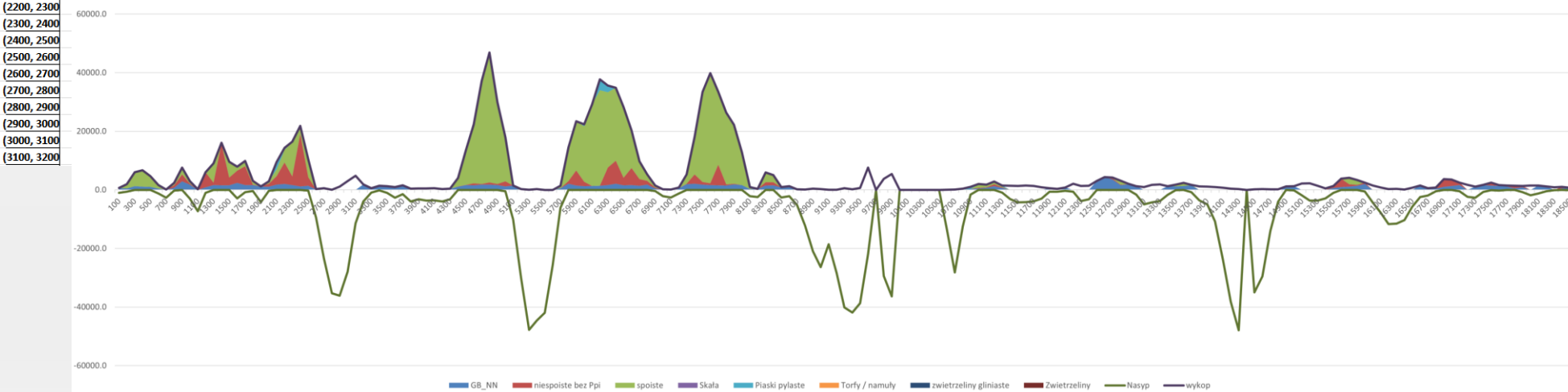


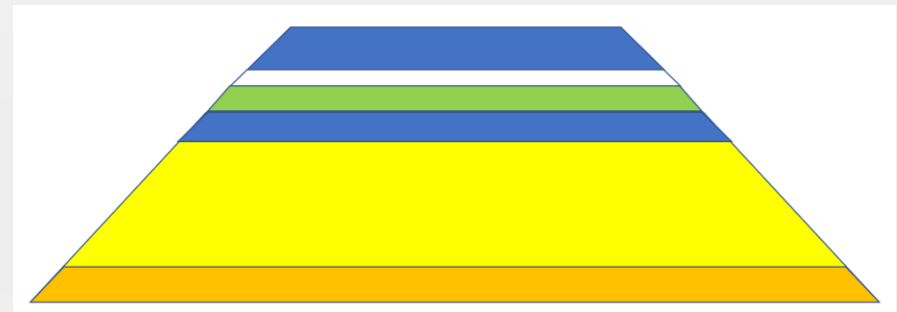
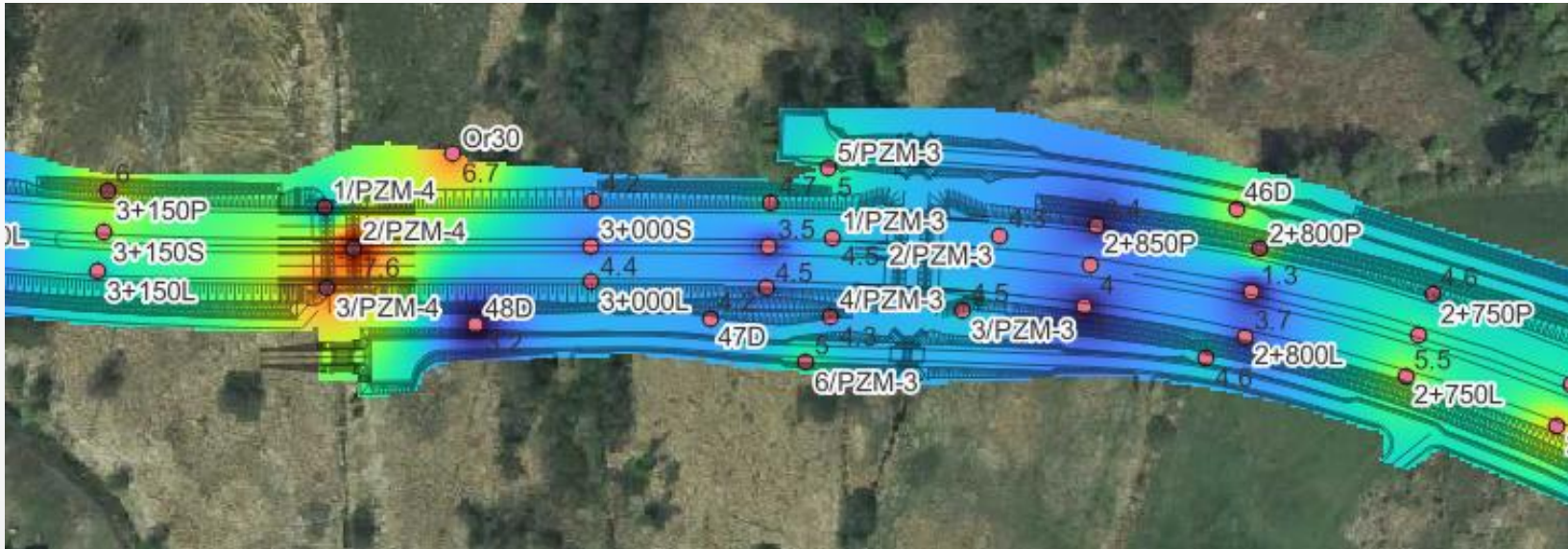
Przykładowe analizy

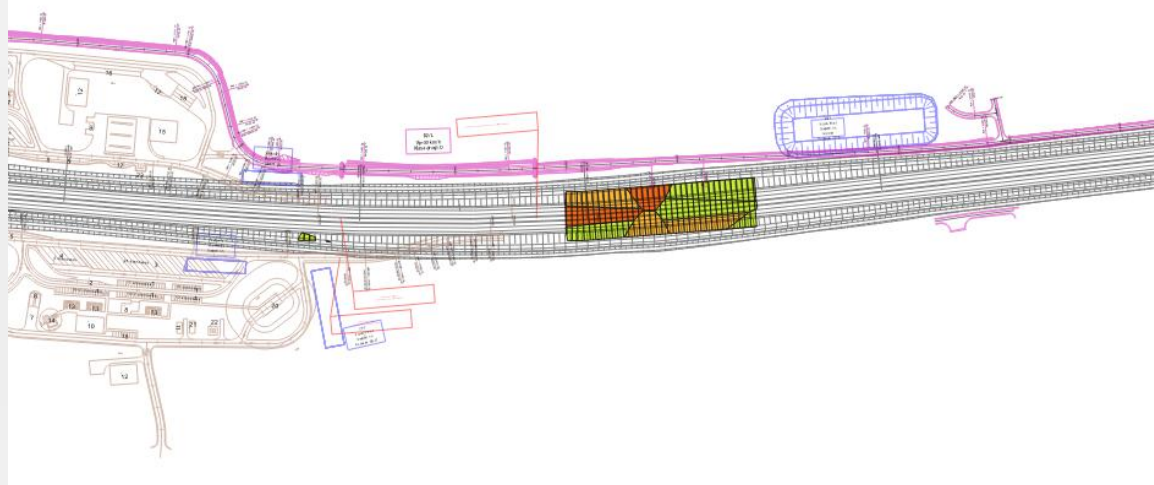
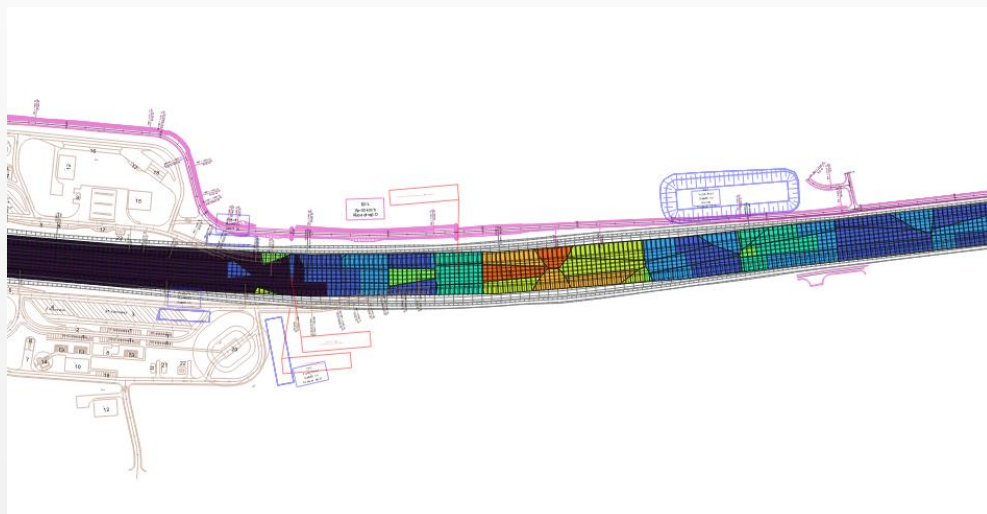
km	GB_NN	niespoiste bez Ppi	spoiste	Skala	Piaski pylaste	Torfy / namuły	zwietrzelniny gliniaste	Zwietrzelniny	
(0, 100]	91.3	0.0	8.7	0.0	0.0	0.0	0.0	0.0	100
(100, 200]	25.1	0.0	74.9	0.0	0.0	0.0	0.0	0.0	100
(200, 300]	21.2	0.0	78.8	0.0	0.0	0.0	0.0	0.0	100
(300, 400]	16.3	0.0	83.7	0.0	0.0	0.0	0.0	0.0	100
(400, 500]	22.7	0.0	77.3	0.0	0.0	0.0	0.0	0.0	100
(500, 600]	26.8	0.0	73.2	0.0	0.0	0.0	0.0	0.0	100
(600, 700]	96.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	100
(700, 800]	31.4	35.8	32.7	0.0	0.0	0.0	0.0	0.0	100
(800, 900]	37.7	30.9	31.4	0.0	0.0	0.0	0.0	0.0	100
(900, 1000]	60.7	12.8	26.5	0.0	0.0	0.0	0.0	0.0	100
(1000, 1100]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
(1100, 1200]	14.1	84.8	1.0	0.0	0.0	0.0	0.0	0.0	100
(1200, 1300]	18.2	9.3	72.6	0.0	0.0	0.0	0.0	0.0	100
(1300, 1400]	9.8	88.1	2.1	0.0	0.0	0.0	0.0	0.0	100
(1400, 1500]	16.1	27.7	56.2	0.0	0.0	0.0	0.0	0.0	100
(1500, 1600]	30.6	52.2	16.4	0.0	0.8	0.0	0.0	0.0	100
(1600, 1700]	16.4	65.3	18.1	0.0	0.2	0.0	0.0	0.0	100
(1700, 1800]	52.4	5.4	42.1	0.0	0.0	0.0	0.0	0.0	100
(1800, 1900]	89.4	10.6	0.0	0.0	0.0	0.0	0.0	0.0	100
(1900, 2000]	37.3	32.9	29.8	0.0	0.0	0.0	0.0	0.0	100
(2000, 2100]	18.8	30.3	24.4	0.0	26.5	0.0	0.0	0.0	100
(2100, 2200]									
(2200, 2300]									
(2300, 2400]									
(2400, 2500]									
(2500, 2600]									
(2600, 2700]									
(2700, 2800]									
(2800, 2900]									
(2900, 3000]									
(3000, 3100]									
(3100, 3200]									



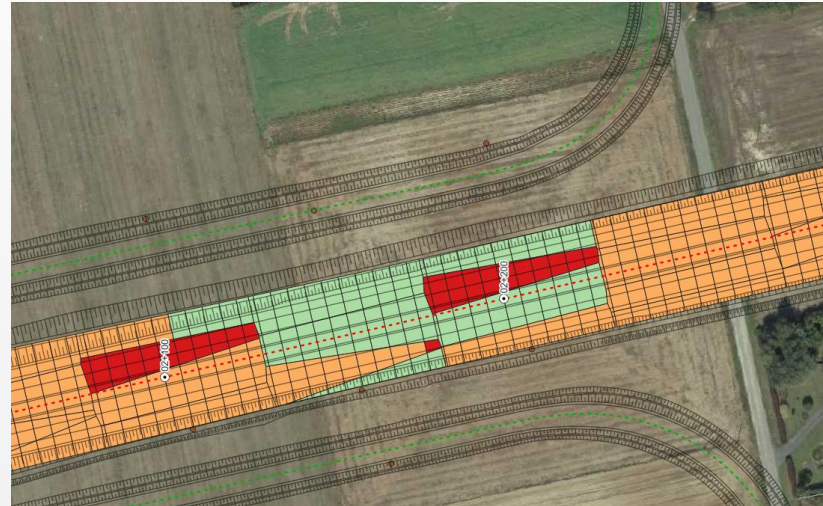
Niweleta v1



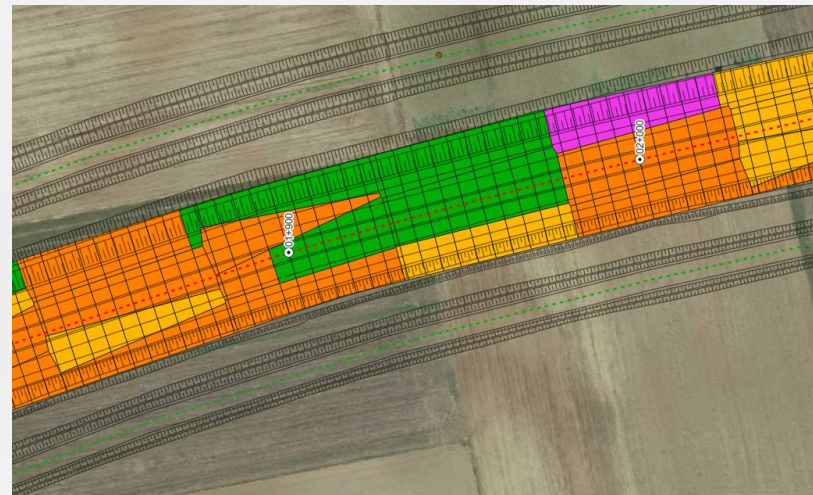




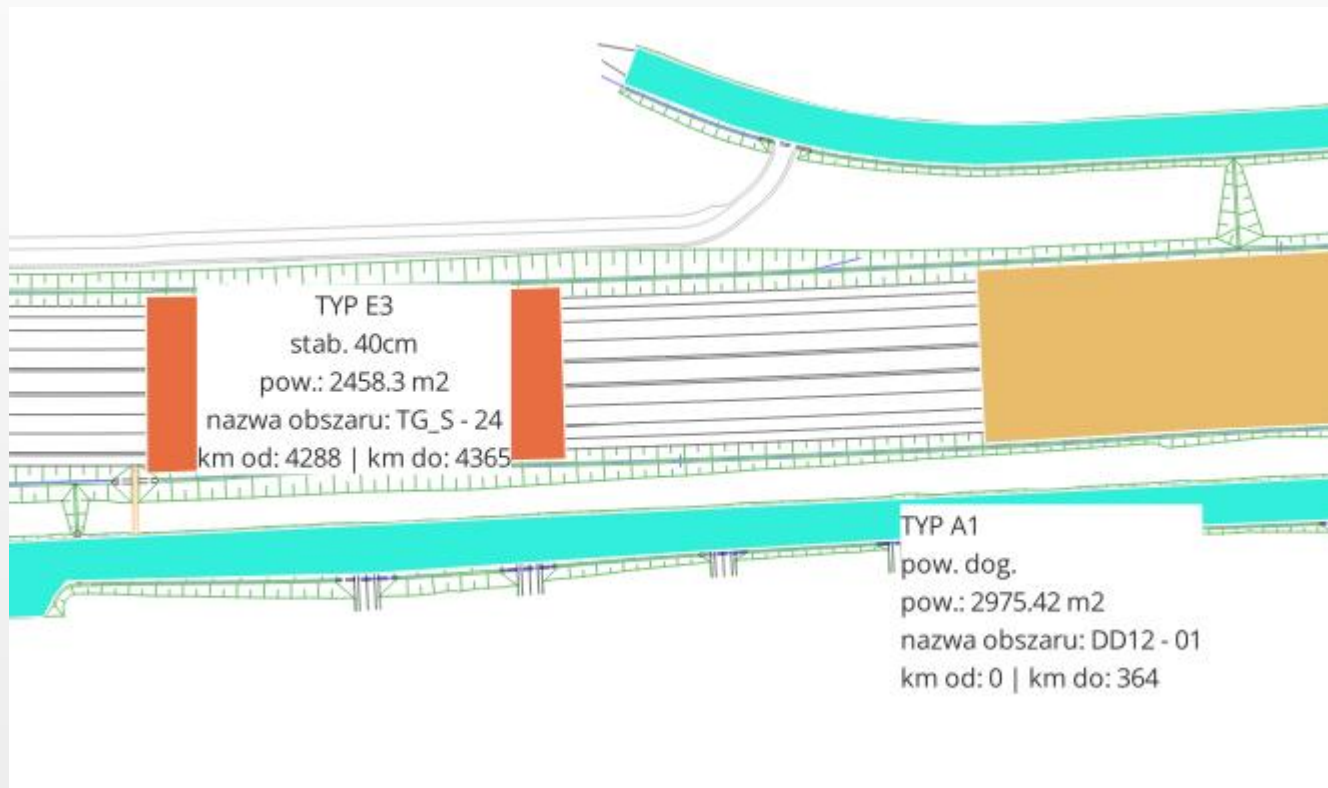
		TYP 1	
GRUPA NOŚNOŚCI PODŁOŻA	G4	PP 15 WM 20 WUP 25	120 MPa 50 MPa 25 MPa
	G3	PP 15 WM 20 WUP 20	120 MPa 50 MPa 35 MPa
	G2	PP 15 WM 20	120 MPa 50 MPa
	G1	PP 15	120 MPa 80 MPa

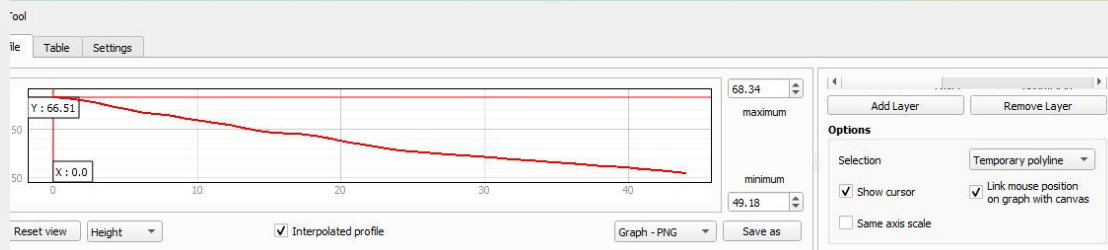
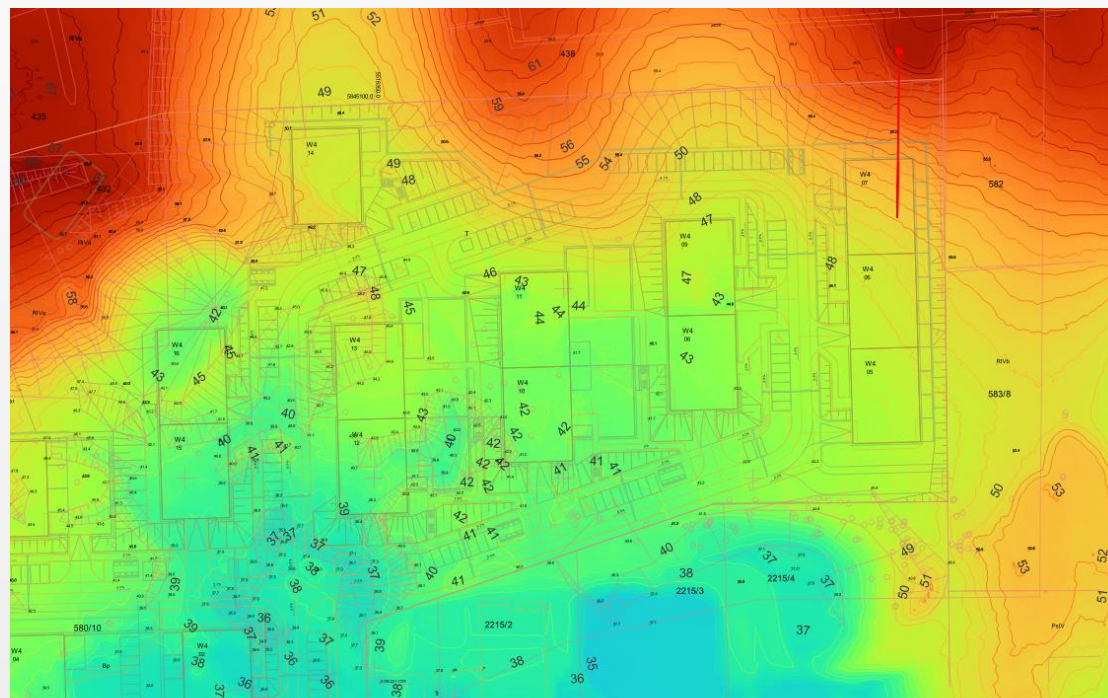


- g1
- g2
- g3
- g4
- g5

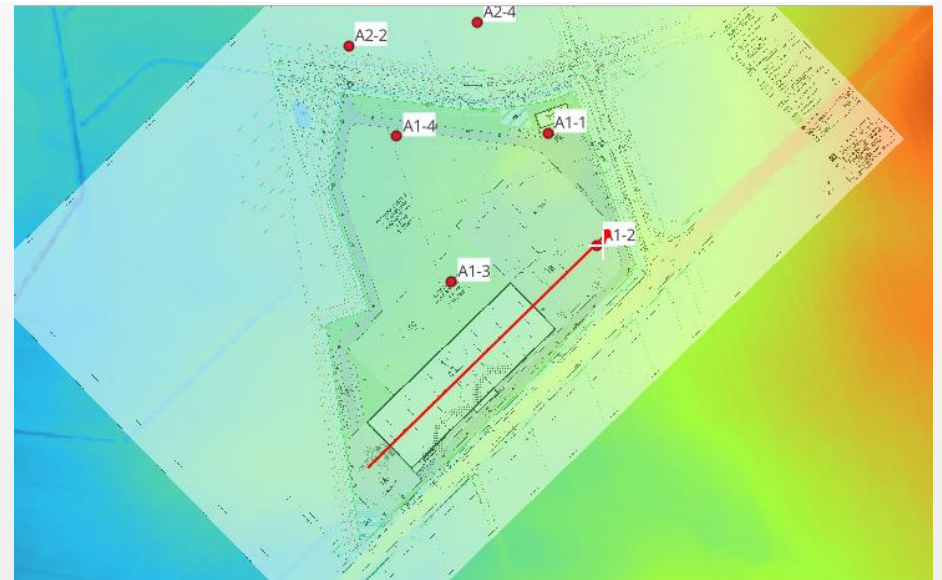
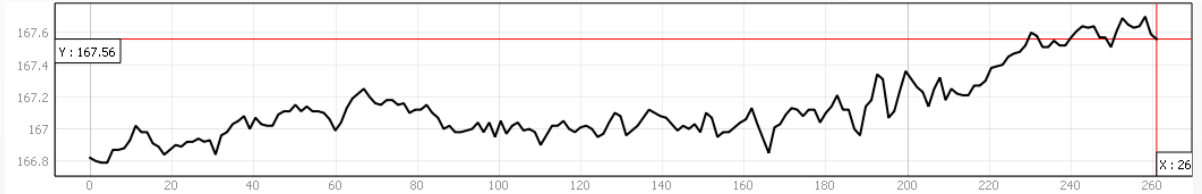


- Pd, Ppi
- Ps, Pr
- Po, Ż
- Pi, Pip
- G, Gpi, Gpiz
- Organika
- Margiel
- nB, nN
- Opoka
- Zwietrzliny





Przykładowe analizy





✓	810 - 1000
✓	1000 - 1500
✓	1500 - 2000
✓	2000 - 2500
✓	2500 - 3000
✓	3000 - 3500
✓	3500 - 4000
✓	4000 - 4119

