

**APPENDIX 9: LOCATION OF THE CONTRACT IN REFERENCE TO ENVIRONMENTAL HABITATS AND PROTECTED SPECIES OCCURRENCE SITES**

*Environmental Management Plan for Works Contract 3D.3  
Łęg IV – extension of the left river embankment at chainage km 0+082-5+030 within the Commune of Gorzyce, and of the right embankment at chainage km 0+000-5+236 within the Commune of Gorzyce*



**INDEX OF SHEETS**

## APPENDIX 9A - BIRDS

### birds species occurrence sites

- A, Lark, *Alauda arvensis*
- AA, Swift, *Apus apus*
- AB, Linnet, *Carduelis cannabina*
- ACN, Sparrow hawk, *Accipiter nisus*
- AE, Long-tailed tit, *Aegithalos caudatus*
- AR, Grey heron, *Ardea cinerea*
- B, Common buzzard, *Buteo buteo*
- C, European greenfinch, *Carduelis chloris*
- CC, European goldfinch, *Carduelis carduelis*
- CCC, White stork, *Ciconia ciconia*
- CE, Common rosefinch, *Carpodacus erythrinus*
- CIA, Western marsh-harrier, *Circus aeruginosus*
- COC, Carrion crow, *Corvus corone*
- COF, Rook, *Corvus frugilegus*
- COM, Western jackdaw, *Corvus monedula*
- COX, Common raven, *Corvus corax*
- CR, Common quail, *Coturnix coturnix*
- CS, Eurasian siskin, *Carduelis spinus*
- CU, Common cuckoo, *Cuculus canorus*
- CX, Corncrake, *Crex crex*
- D, Common house martin, *Delichon urbicum*
- DA, Great spotted woodpecker, *Dendrocopos major*
- E, European robin, *Erithacus rubecula*
- EC, Corn bunting, *Emberiza calandra*
- EI, Yellowhammer, *Emberiza citrinella*
- ES, Common reed bunting, *Emberiza schoeniclus*
- FAT, Common kestrel, *Falco tinnunculus*
- G, Eurasian jay, *Garrulus glandarius*
- H, Barn swallow, *Hirundo rustica*
- HI, Icterine warbler, *Hippolais icterina*
- KC, Common chiffchaff, *Phylloscopus collybita*
- KT, Willow warbler, *Phylloscopus trochilus*
- LAR, Black-headed gull, *Larus ridibundus*
- LC, Red-backed shrike, *Lanius collurio*
- LE, Great grey shrike, *Lanius excubitor*
- LF, River warbler, *Locustella fluviatilis*
- LI, Black-tailed godwit, *Limosa limosa*
- LL, Savi's warbler, *Locustella luscinioides*
- LN, Common grasshopper warbler, *Locustella naevia*
- LUL, Thrush nightingale, *Luscinia luscinia*
- M, Spotted flycatcher, *Muscicapa striata*
- MA, White wagtail, *Motacilla alba*
- MF, Western yellow wagtail, *Motacilla flava*
- OR, Eurasian golden oriole, *Oriolus oriolus*
- P, Eurasian tree sparrow, *Passer montanus*
- PD, House sparrow, *Passer domesticus*
- PE, Eurasian blue tit, *Cyanistes caeruleus*
- PIP, Eurasian magpie, *Pica pica*
- PJ, Eurasian great tit, *Parus major*
- PO, Black redstart, *Phoenicurus ochruros*
- PY, Eurasian bullfinch, *Pyrrhula pyrrhula*
- RA, Water rail, *Rallus aquaticus*
- RP, Eurasian penduline tit, *Remiz pendulinus*
- S, Common starling, *Sturnus vulgaris*
- SA, Eurasian blackcap, *Sylvia atricapilla*
- SC, Common whitethroat, *Sylvia communis*
- SN, Barred warbler, *Sylvia nisoria*
- SQ, European stonechat, *Saxicola rubicola*
- SR, Whinchat, *Saxicola rubetra*
- SS, European serin, *Serinus serinus*
- SU, Lesser whitethroat, *Sylvia curruca*
- TM, Common blackbird, *Turdus merula*
- TP, Fieldfare, *Turdus pilaris*
- TRH, Common sandpiper, *Actitis hypoleucos*
- W, Northern lapwing, *Vanellus vanellus*
- XA, Great reed warbler, *Acrocephalus arundinaceus*
- XB, Sedge warbler, *Acrocephalus schoenobaenus*
- XS, Eurasian reed warbler, *Acrocephalus scirpaceus*
- XT, Marsh warbler, *Acrocephalus palustris*
- Z, Chaffinch, *Fringilla coelebs*

## APPENDIX 9C - PLANTS AND NATURAL HABITATS

● protected plants occurrence sites

### protected plants habitats

- Mouse garlic, *Allium angulosum*
- Tree moss, *Climacium dendroides*
- Fen violet, *Viola persicifolia* Schreb.

### natural habitats - Natura 2000

- 3150
- 6430
- 6440
- 6510
- 91E0

## APPENDIX 9D - MAMMALS

### protected bats occurrence sites

- ◆ Common noctule, *Nyctalus noctula*
- ◆ Kuhl's pipistrelle, *Pipistrellus kuhlii*
- ◆ Daubenton's bat, *Myotis daubentonii*

### remaining mammals protected species occurrence sites

- ◆ Eurasian beaver, *Castor fiber*
- ◆ European mole, *Talpa europaea*
- ◆ Eurasian water shrew, *Neomys fodiens*
- ◆ Eurasian otter, *Lutra lutra*
- protected mammals habitats

## APPENDIX 9B - INVERTEBRATES

### protected invertebrates occurrence sites

- ▲ Large copper, *Lycaena dispar*
- ▲ Dusky large blue, *Phengaris nausithous*
- ▲ Scarce large blue, *Phengaris teleius*
- ▲ Red tailed bumblebee, *Bombus lapidarius*
- ▲ Shrill carder bee, *Bombus sylvarum*
- ▲ Sand-coloured carder bee, *Bombus veteranus*
- ▲ Buff-tailed bumblebee, *Bombus terrestris*
- ▲ Large carder bee, *Bombus muscorum*
- ▲ Roman snail, *Helix pomatia*
- ▲ Land snail, *Helix lutescens*

### protected invertebrates habitats

- Large copper, *Lycaena dispar*
- Scarce large blue (*Phengaris teleius*), Dusky large blue (*Phengaris nausithous*)
- Roman snail, *Helix pomatia*
- Land snail, *Helix lutescens*

## APPENDIX 9E - AMPHIBIANS, REPTILES, FISHES

### reptiles occurrence sites

- Sand lizard, *Lacerta agilis*
- Viviparous lizard, *Zootoca vivipara*
- Grass snake, *Natrix natrix*

### protected fishes occurrence sites

- ◆ Spined loach, *Cobitis taenia*
- ◆ Spirlin, *Alburnoides bipunctatus*
- ◆ Weatherfish, *Misgurnus fossilis*
- ◆ Stone loach, *Barbatula barbatula*

### amphibians occurrence sites

- ▼ Common spadefoot, *Pelobates fuscus*
- ▼ European fire-bellied toad, *Bombina orientalis*
- ▼ Common toad, *Bufo bufo*
- ▼ European tree frog, *Hyla arborea*
- ▼ Crested newt, *Triturus cristatus*
- ▼ Moor frog, *Rana lessonae*
- ▼ Common frog, *Rana temporaria*
- ▼ Waterfrog, *Rana esculenta* complex
- amphibians habitats
- reptiles habitats

## WORKS CONTRACT 3D.3

- Chainage of embankment
- Axis of embankment
- Area of Works Contract 3D.3
- Temporary land occupancy

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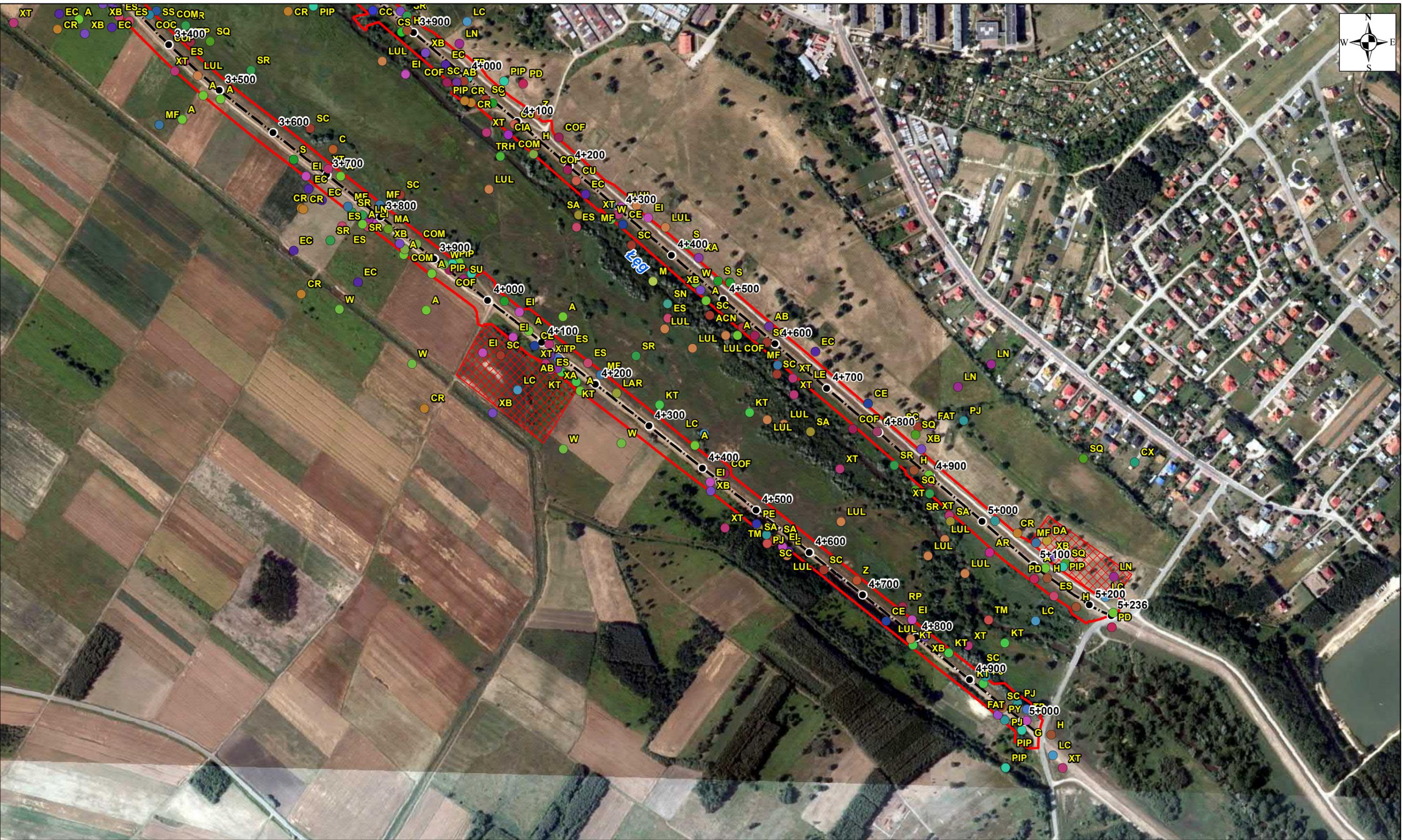
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## LEGEND



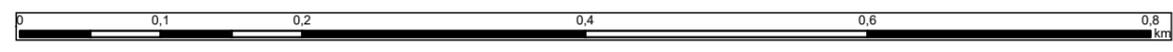






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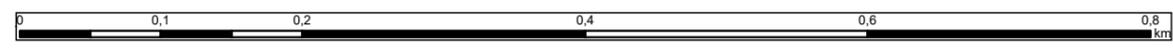


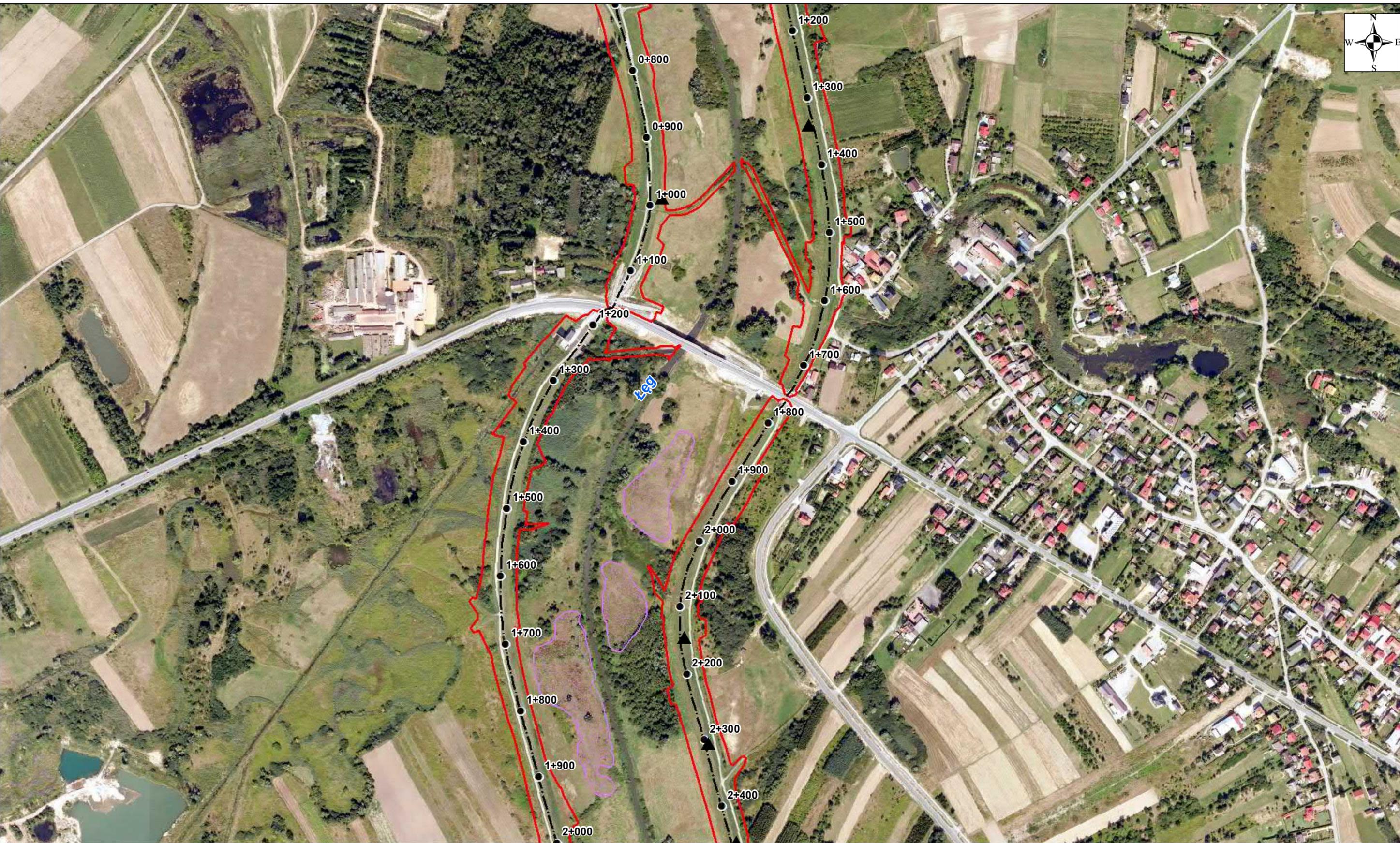
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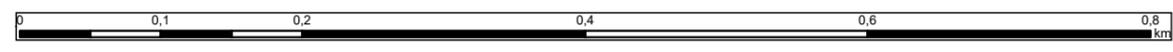
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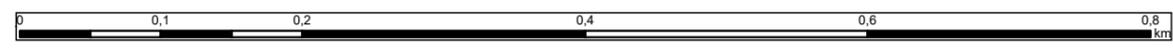
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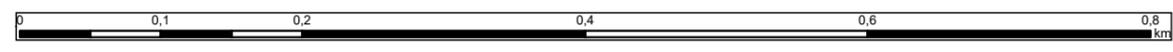
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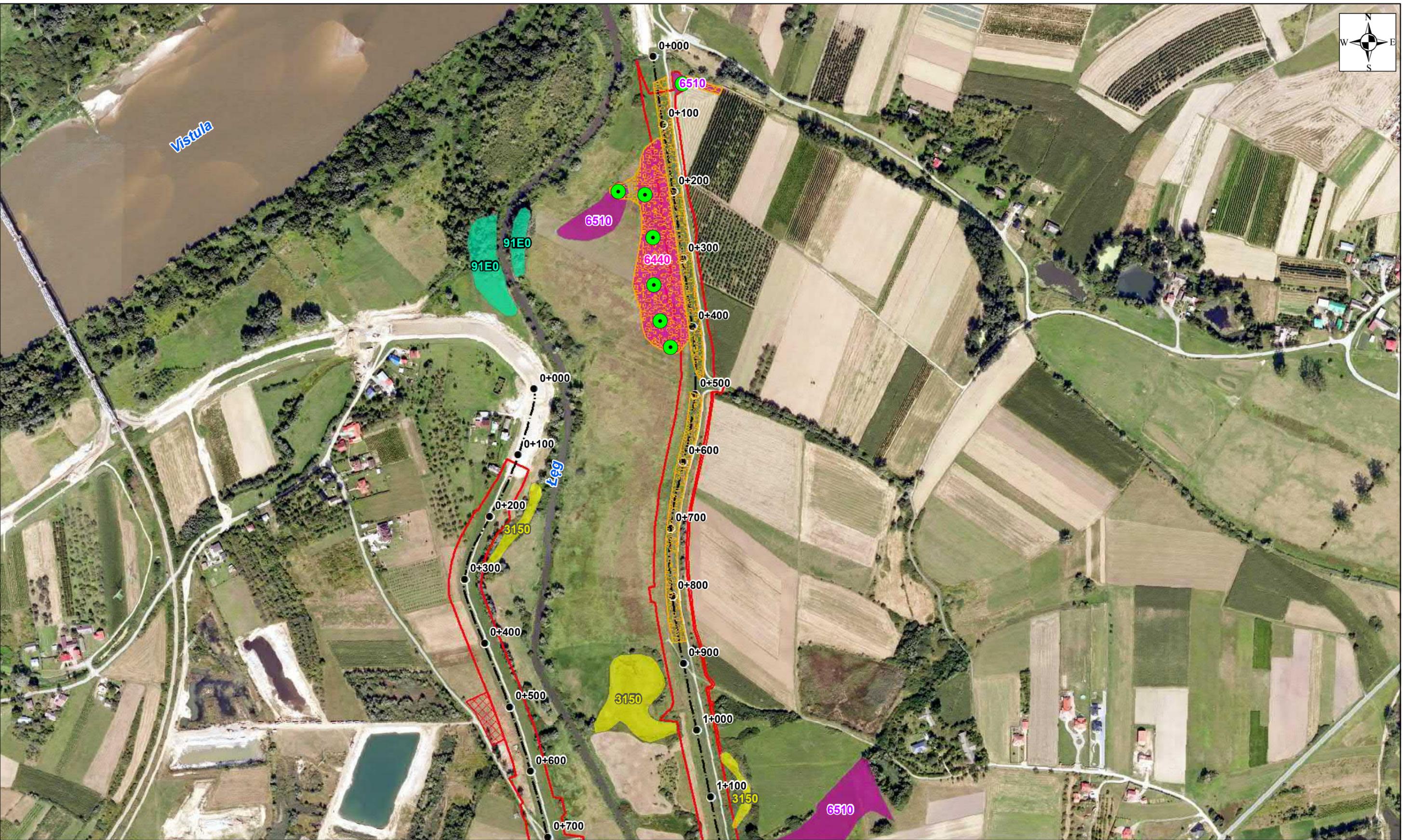
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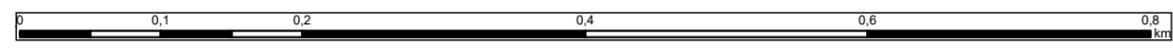


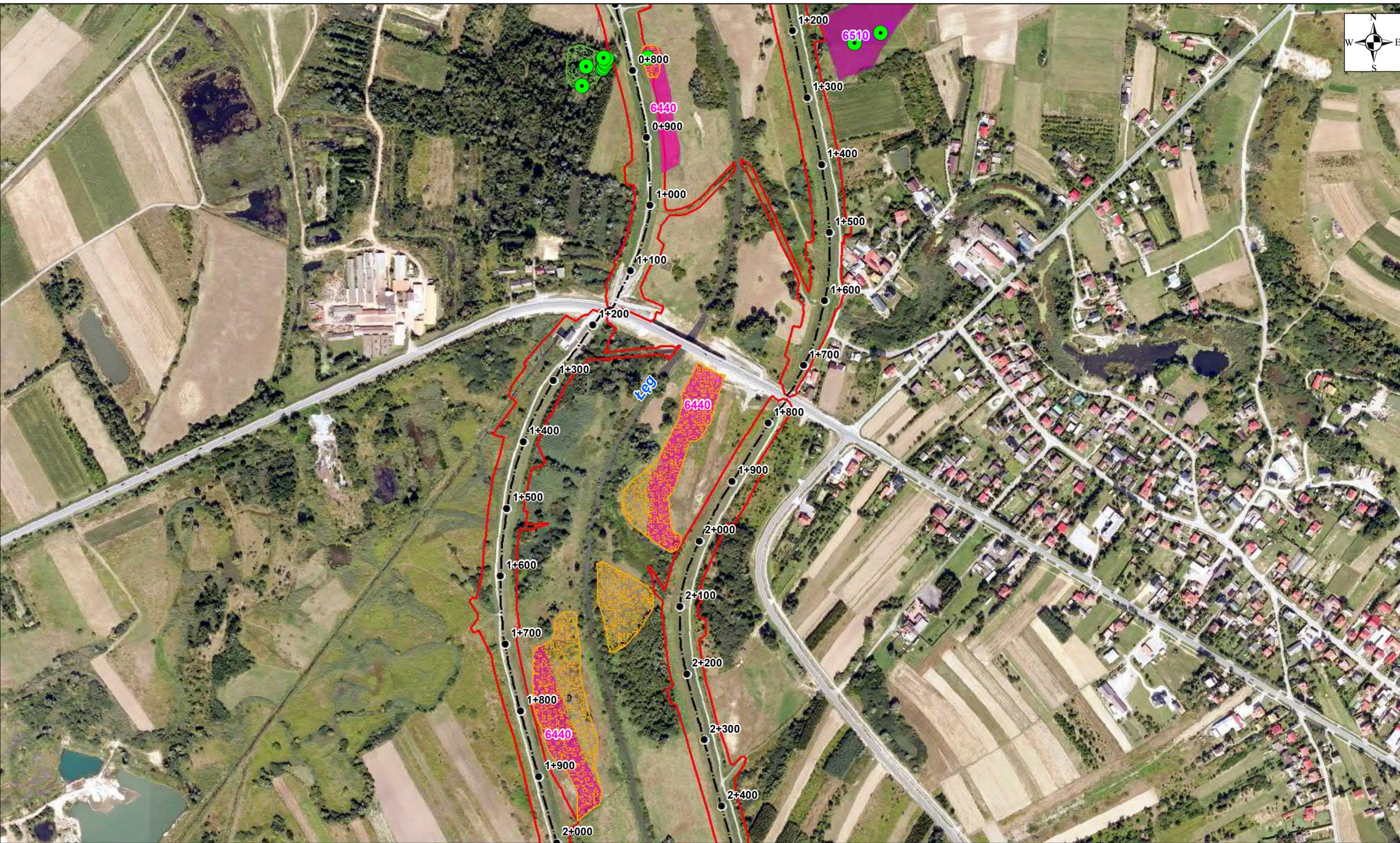
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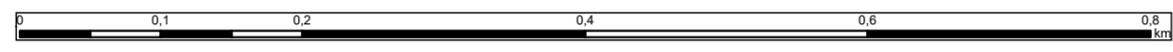
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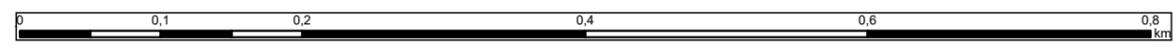
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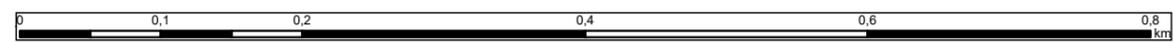
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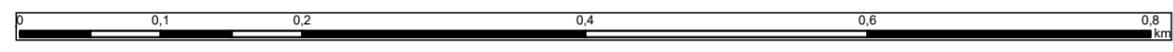


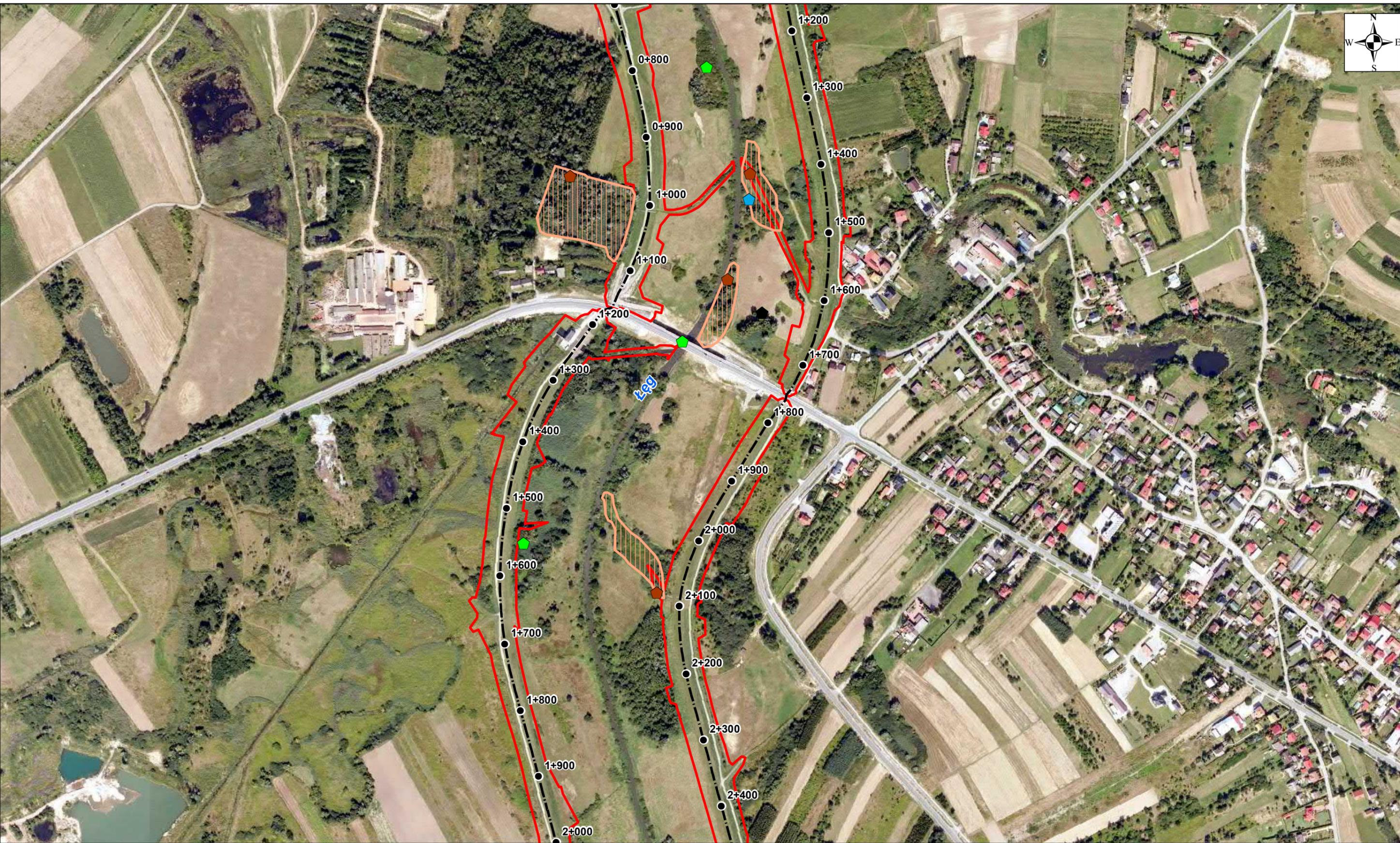
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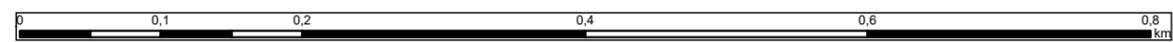
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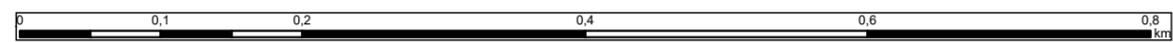
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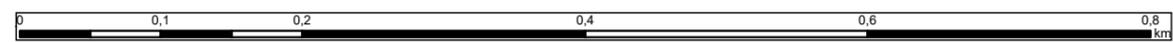
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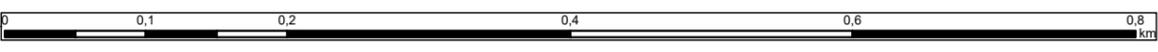


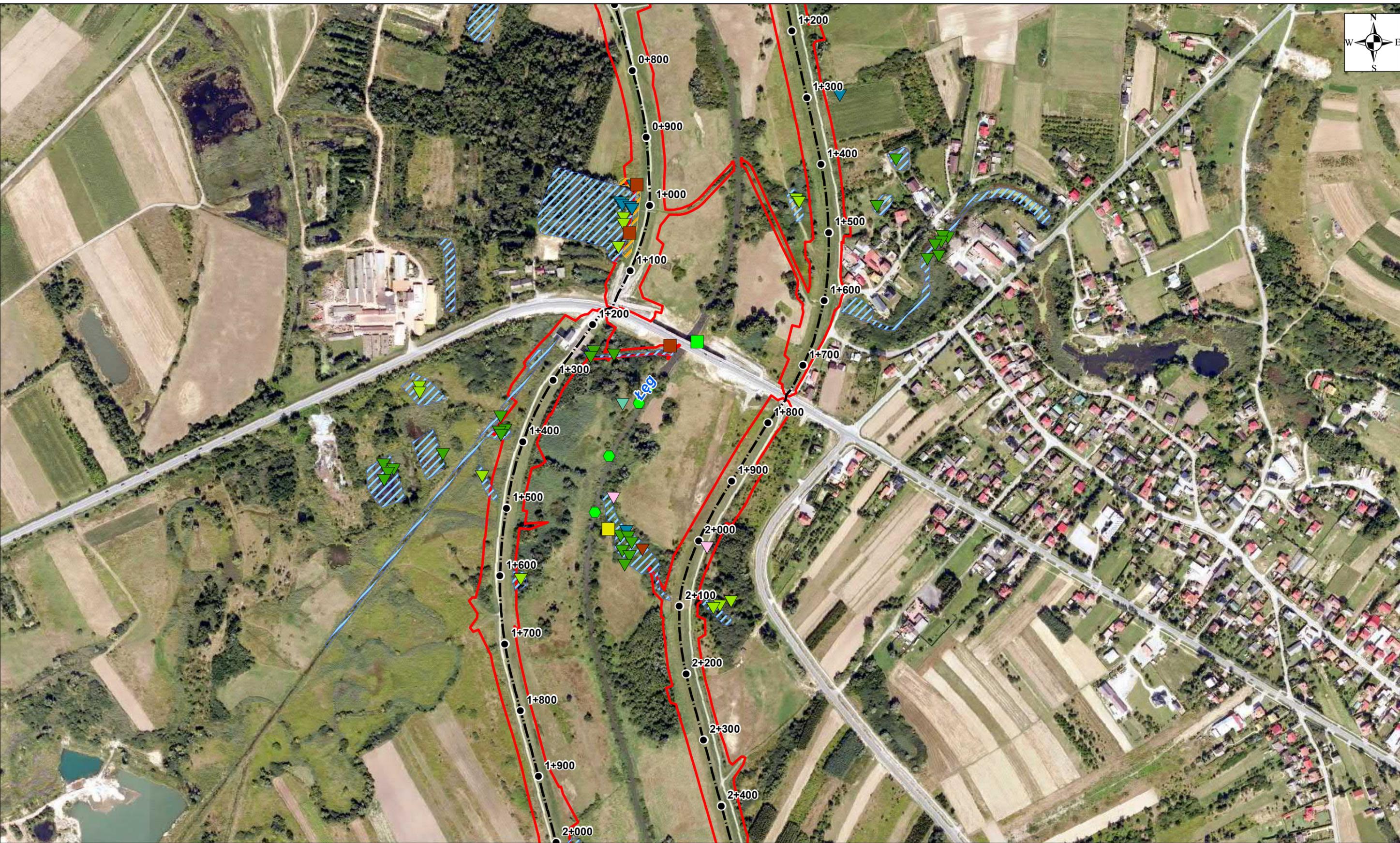
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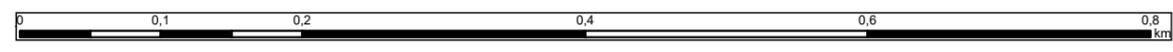
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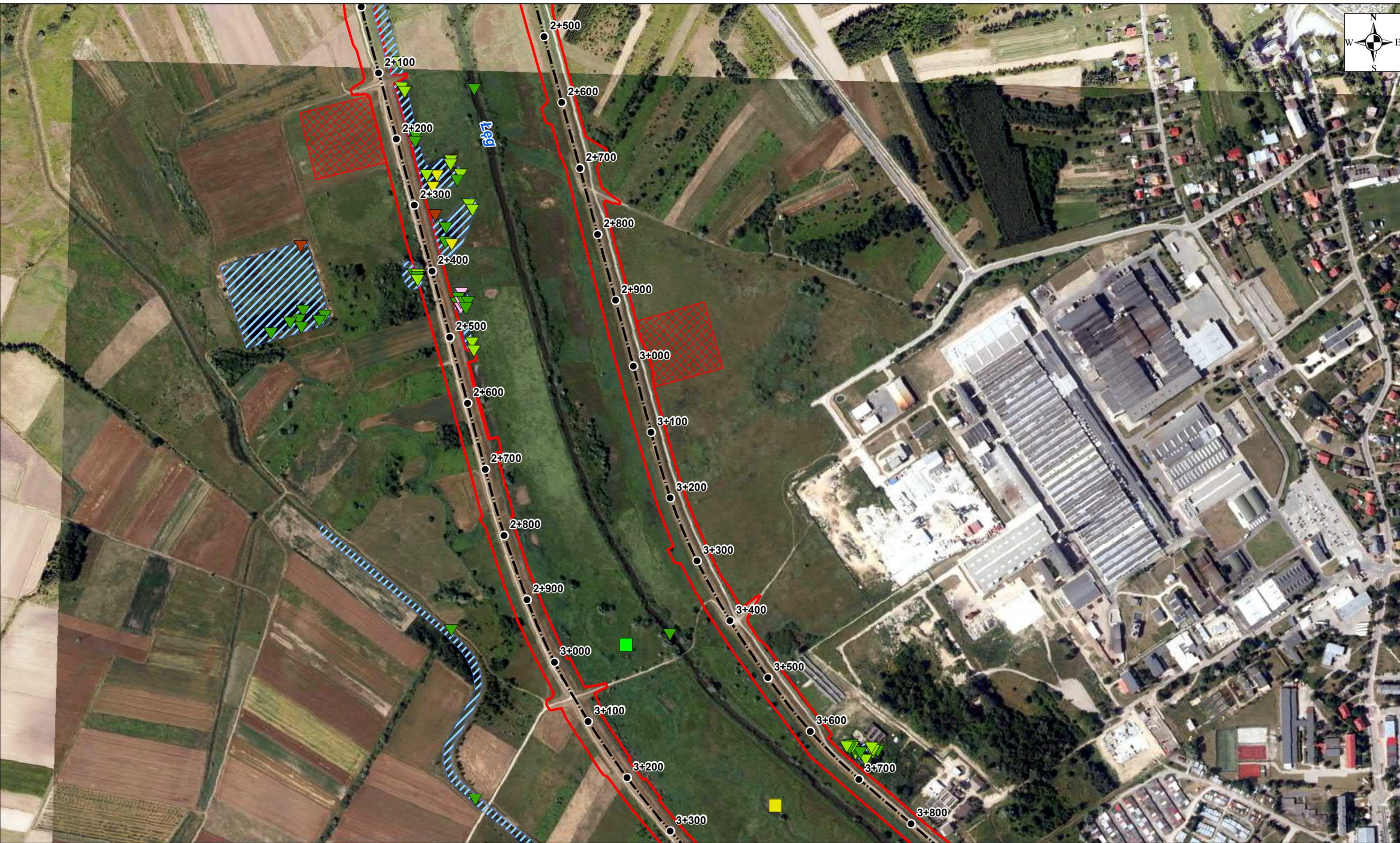




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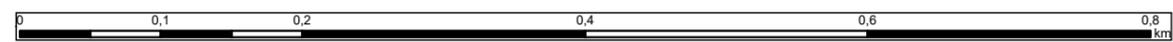
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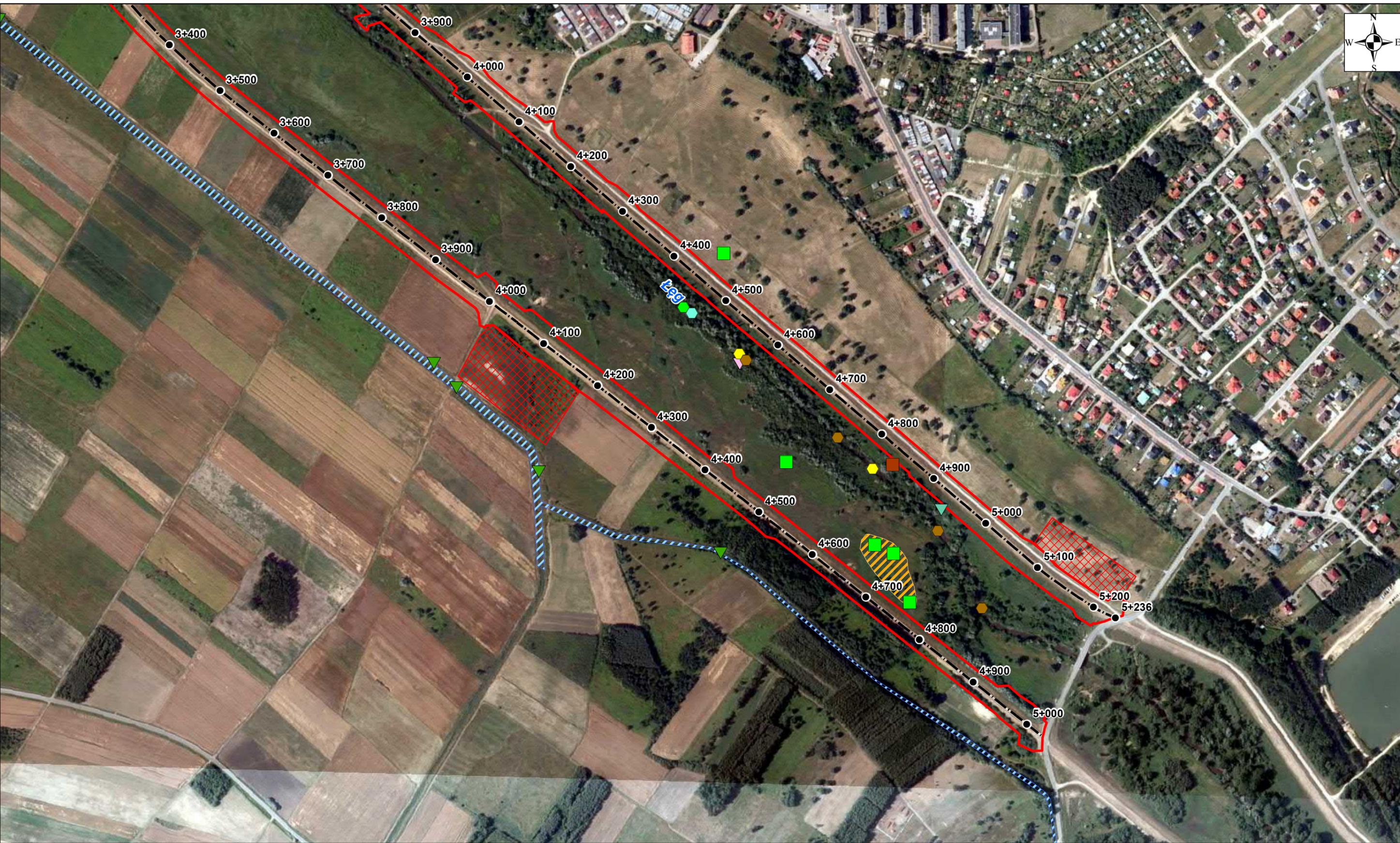




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