

Appendix C: Facility illustration(s)

Appendix C: Layout Plans (Alternative 1 – Preferred proposed route layout)

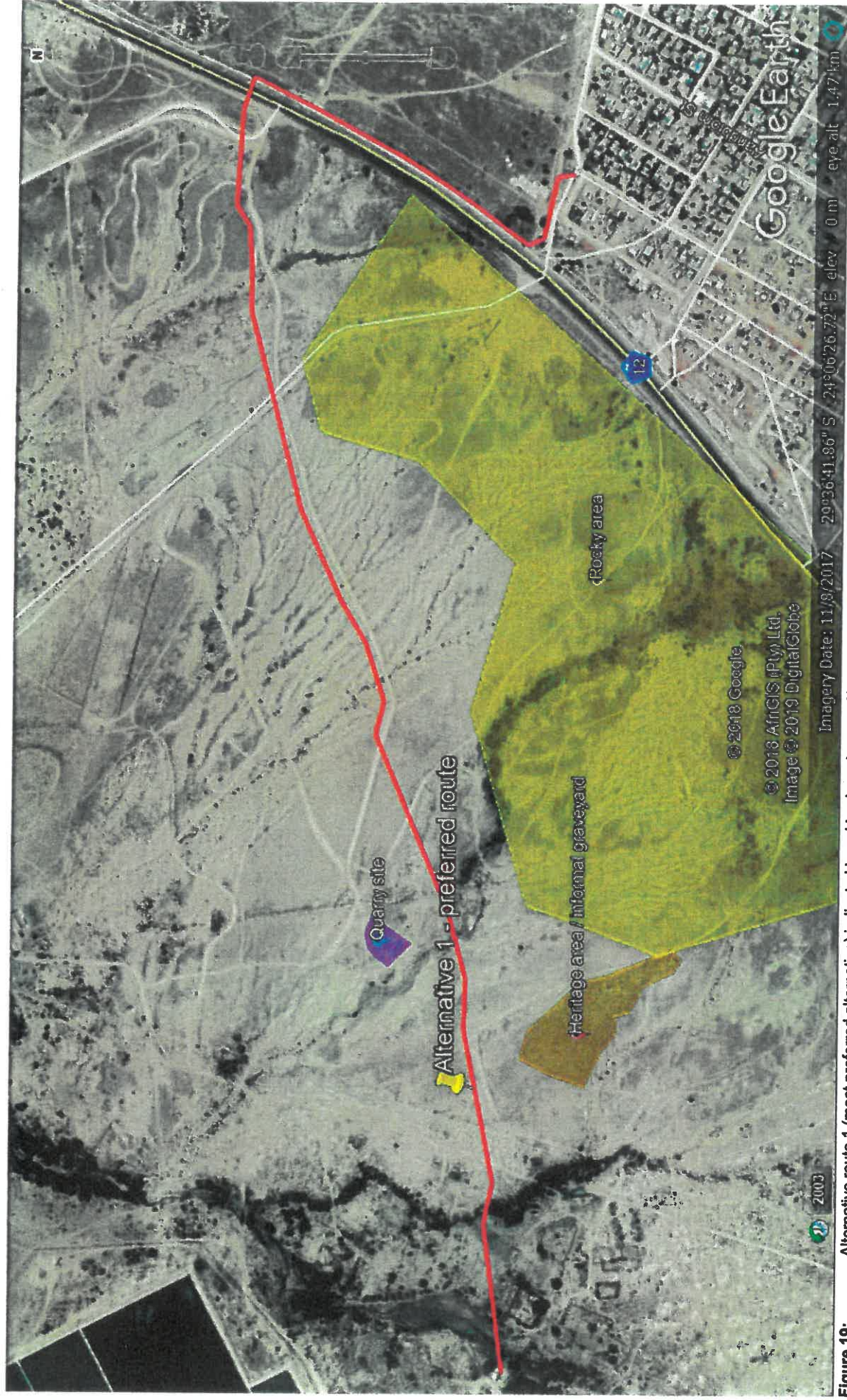


Figure 19:

Alternative route 1 (most preferred alternative) indicated in red in above image. Alternative 1's route avoids sensitive heritage and biodiversity areas, as well as provides the shortest practical route for the pipeline (due to rocky geology). Route is therefore, the most cost effective and environmentally sustainable.

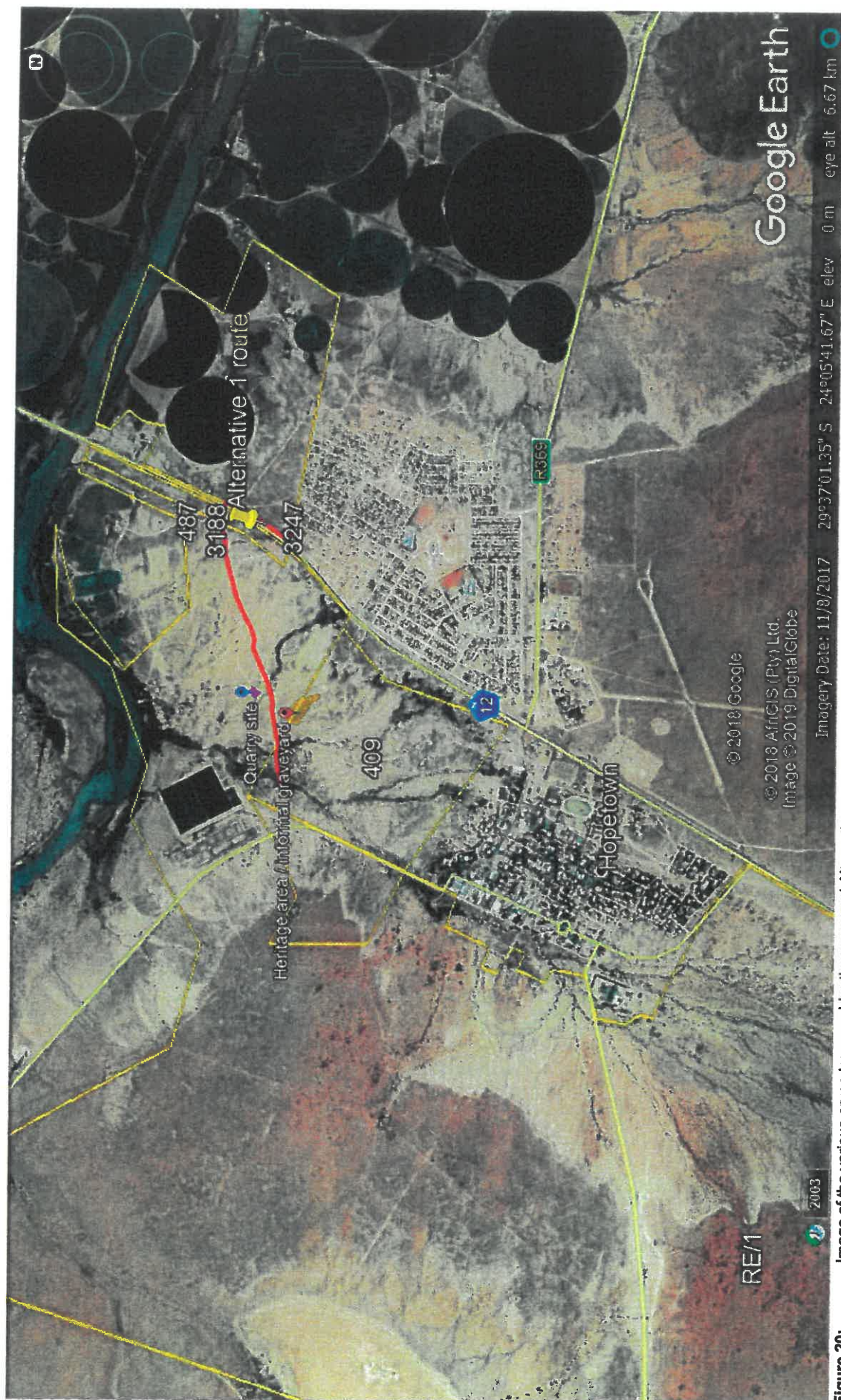


Figure 20:

Image of the various erven traversed by the proposed Alternative route 1 indicated in red (the preferred alternative) for the proposed Steynville (Hopetown) sewage outfall pipeline. Alternative route 1 traverses the following erven sequentially – erf 2755, erf 3247, erf RE/3, erf 3188, erf 487, erf RE/1 and erf 409.

Appendix C: Layout Plans (Alternative 2 – Second proposed route layout)

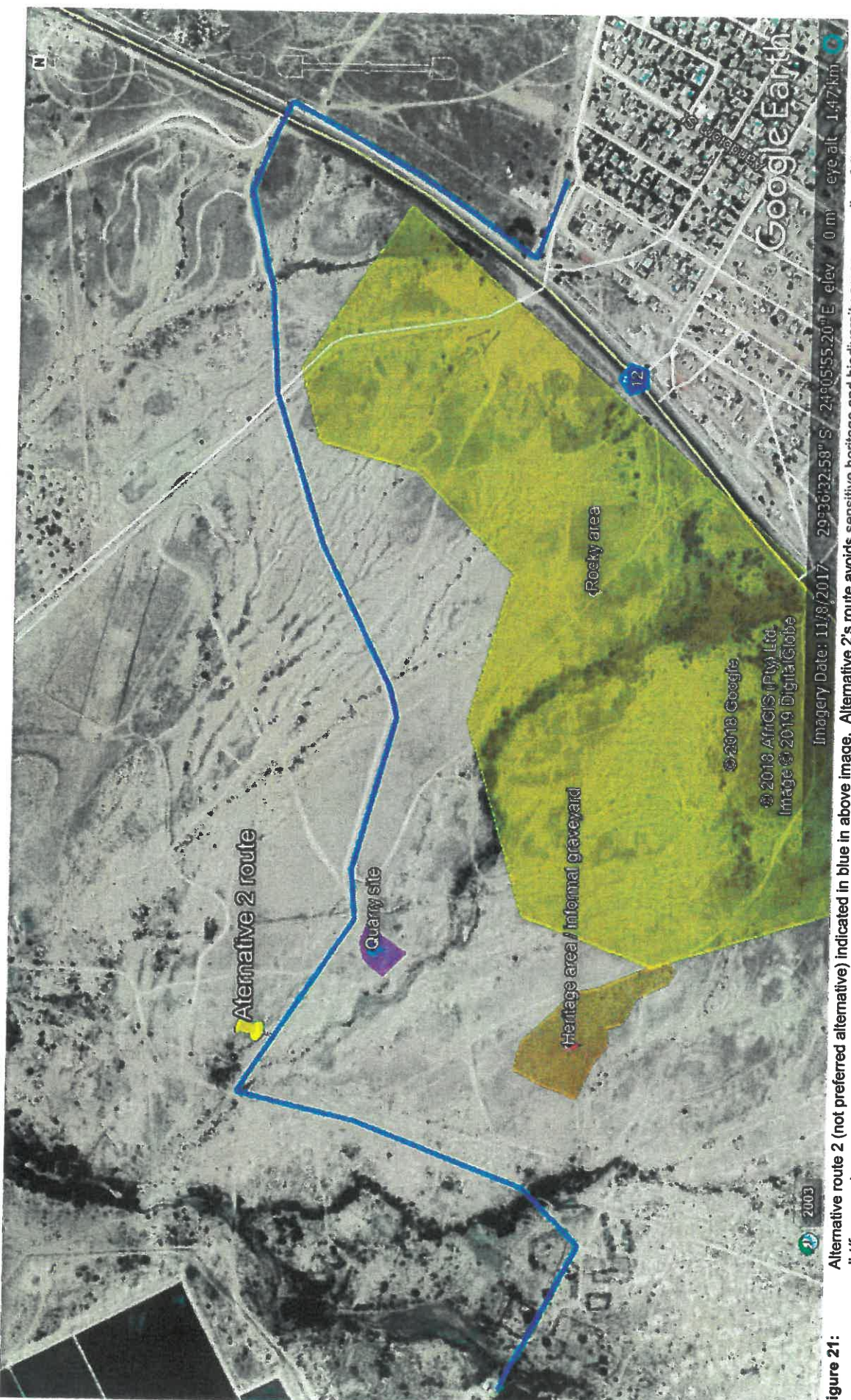


Figure 21:

Alternative route 2 (not preferred alternative) indicated in blue in above image. Alternative 2's route avoids sensitive heritage and biodiversity areas, as well as follows existing dirt/farm roads providing easier accessibility. However, the route is not the shortest practical route and is therefore, the most expensive of the three proposed routes.



Figure 22:

Image of the various erven traversed by the proposed Alternative route 2 indicated in blue (not preferred alternative) for the proposed Steynville (Hopetown) sewerage outfall pipeline. Alternative route 2 traverses the following erven sequentially – erf 2755, erf 3247, erf RE/3, erf 3188, erf 487, erf RE/1 and erf 409.

Appendix C: Layout Plans (Alternative 3 – Third proposed route layout)

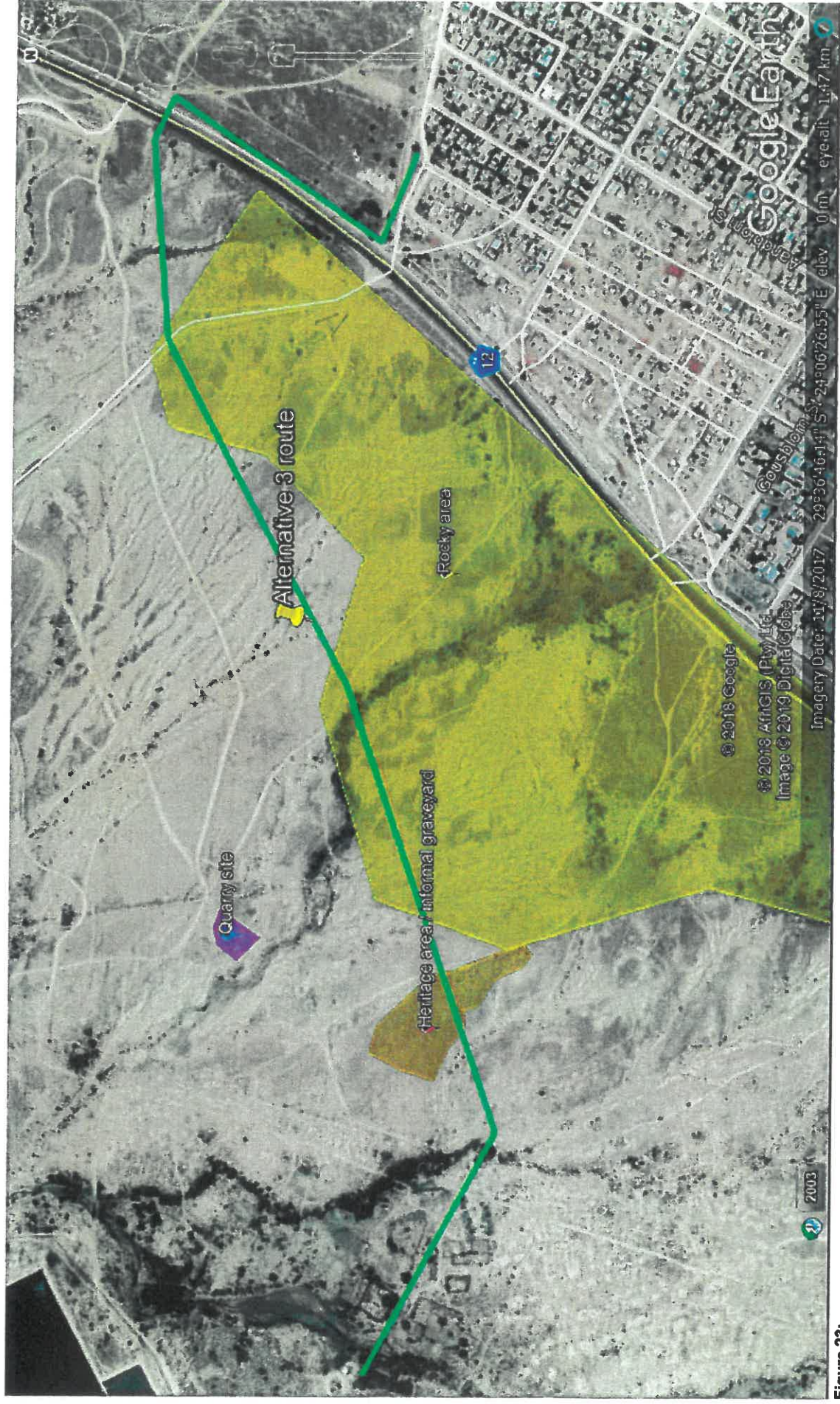


Figure 23:



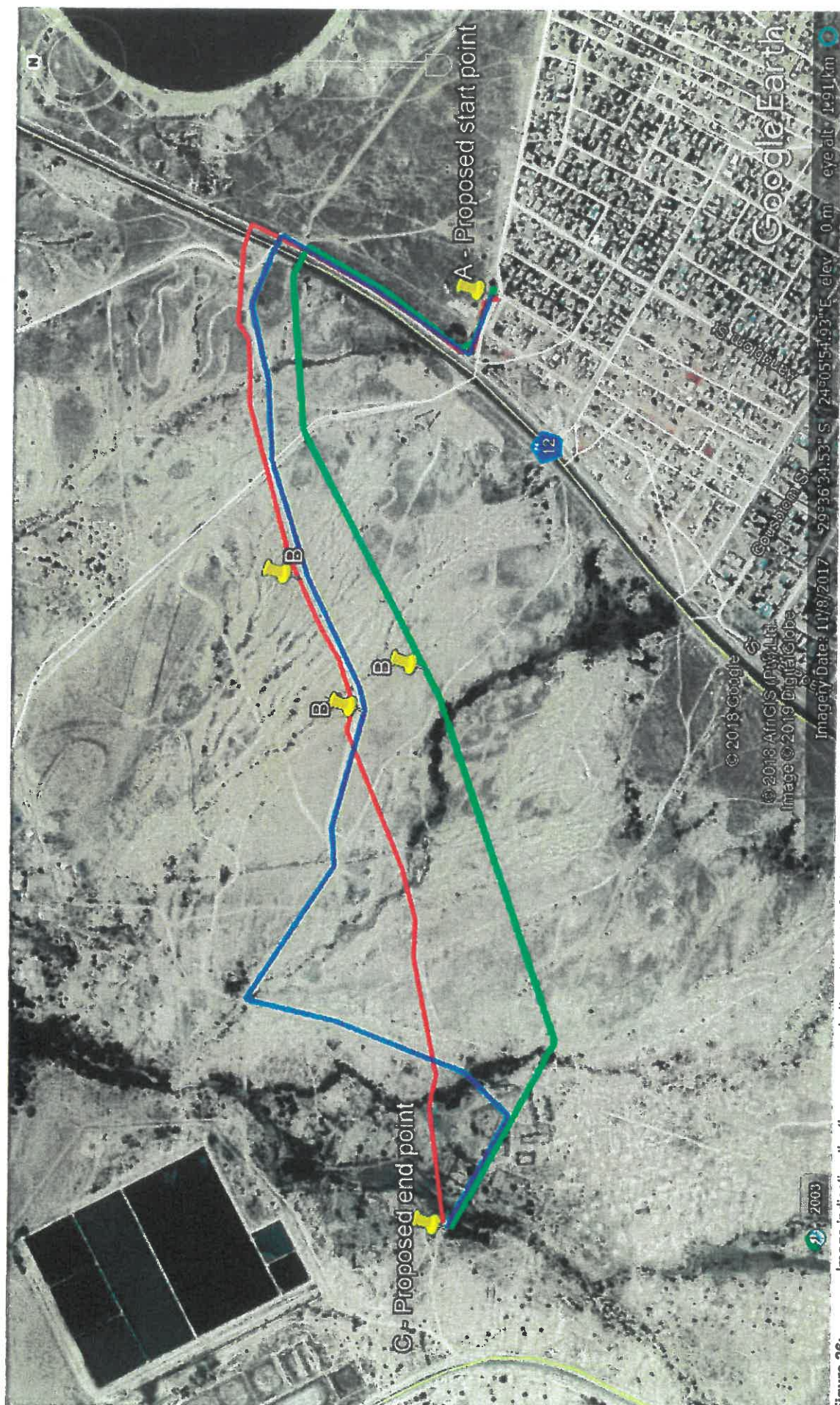
Figure 24:

Image of the various erven traversed by the proposed Alternative route 3 indicated in green (least preferred alternative) for the proposed Steynville (Hopetown) sewerage outfall pipeline. Alternative route 3 traverses the following erven sequentially – erf 2755, erf 3188, erf RE/3, erf 3247, erf 487, erf RE/1 and erf 409.

Appendix C: Layout Plans (Indicating all proposed route layouts)



Figure 25: Image indicating three proposed alternate routes for the proposed Steynville (Hopetown) sewage outfall pipeline development, relative to sensitive areas or areas which exclude the viability of the route. See Appendix D for Biodiversity sensitivity maps.



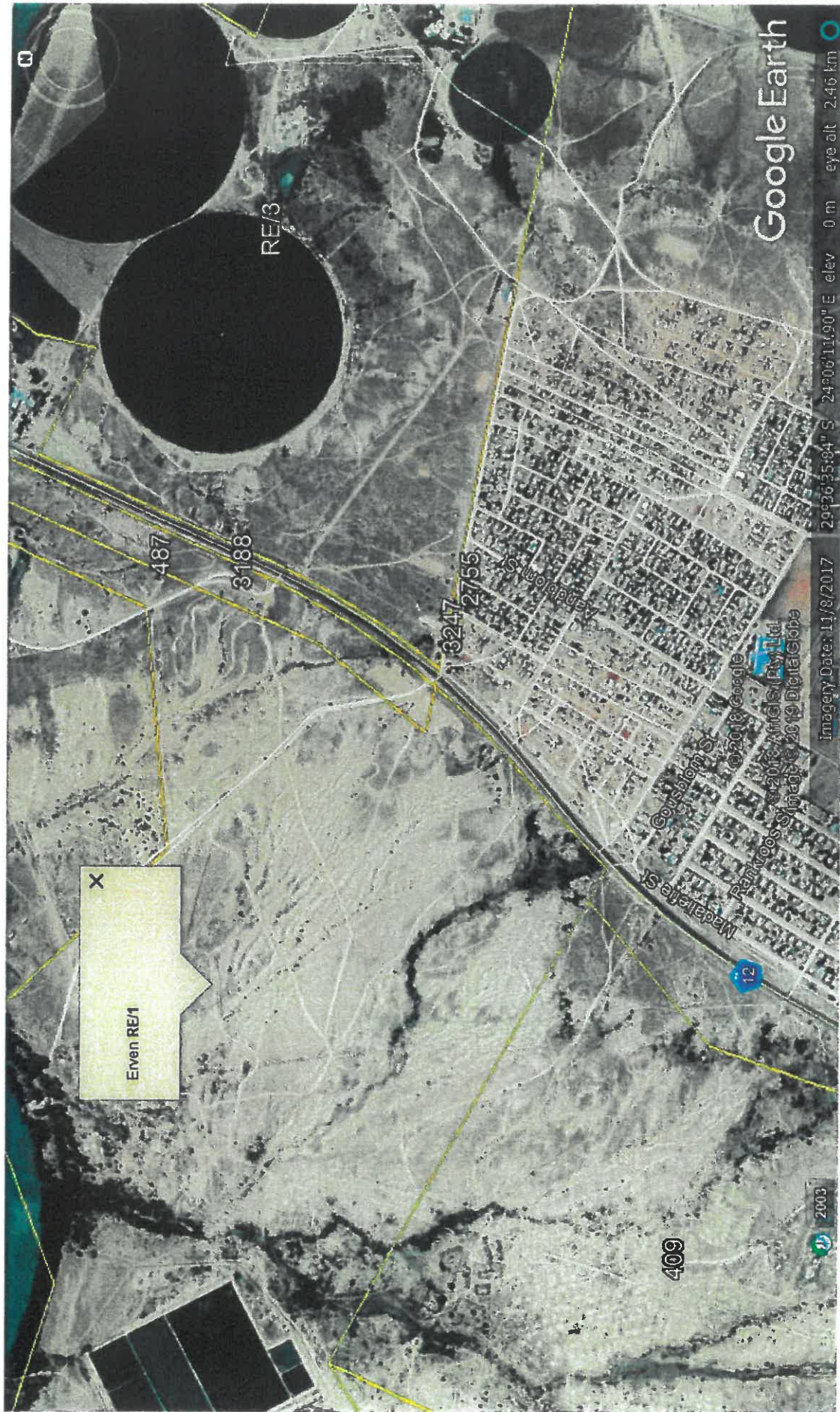


Figure 27:

Image of the various erven traversed by each proposed alternative route for the proposed Steynville (Hopetown) sewage outfall pipeline. Alternative route each traverse the following erven sequentially – erf 2755, erf 3247, erf RE/3, erf 3188, erf 487, erf RE/1 and erf 409



Figure 28:

Image of erven at starting point of proposed sewage outfall pipeline route at Tamboville pump station on erf 2755. All the proposed alternative routes start at point 'A', Tamboville pump station (29°36'37.91"S; 24° 6'19.25"E), as indicated in figure 26 above.

