Our Ref C2064/21/E/3181
25th of August 2022

South North Group Architecture
Greengate Business Centre
2 Greengate Street
Oldham
OL4 1FN

For the attention of Spencer Fretwell,

Dear Spencer,

Ref: St Bega's Chapel Site, Cleator Moor – Mine Entry Positional Review

Following the issue of the phase one desk study and coal mining risk assessment by RGS (report ref C2064/21/E/3181, dated July 2022), the Coal Authority has subsequently issued a consultation response in relation to planning application 4/21/2504/001. The RGS study highlighted that there is a mine entry present within the most southern section of the site. As such, the Coal Authority have outlined that a positional review of the mine entry must be completed to advise of any potential zones of influence. Therefore, plans have been drafted and are attached to this letter. For reference, the following information has been used to create the plans:

Mine Entry: 301515-002
Grid Ref: 301056, 515458
Departure: 8m
Assumed Shaft Diameter: 2.5m
Estimated Depth to Rock: 10m
Departure Zone Circles: 8m
Zone of Influence Circles: 10m

The plans would suggest that any zone of influence would be present in public land and outside the boundary of "property 11". In addition to the mine shaft, it is understood that the south of the site also contains an existing sewer and small stream. Therefore, properties were designed to be plotted away from the southern area of the site due to the combination of these features.

In view of the plans, it is likely that the mine shaft, if present, is situated a sufficient distance away from the building belonging to "property 11". Notwithstanding this, the Coal Authority are the final arbiters on such matters. Therefore, this letter and the attached plans should be submitted for reconsultation to reach an agreement that the southernmost property is present a sufficient distance away from the mine entry.

We trust that this information is of interest and should you have any other requirements do not hesitate to contact us.

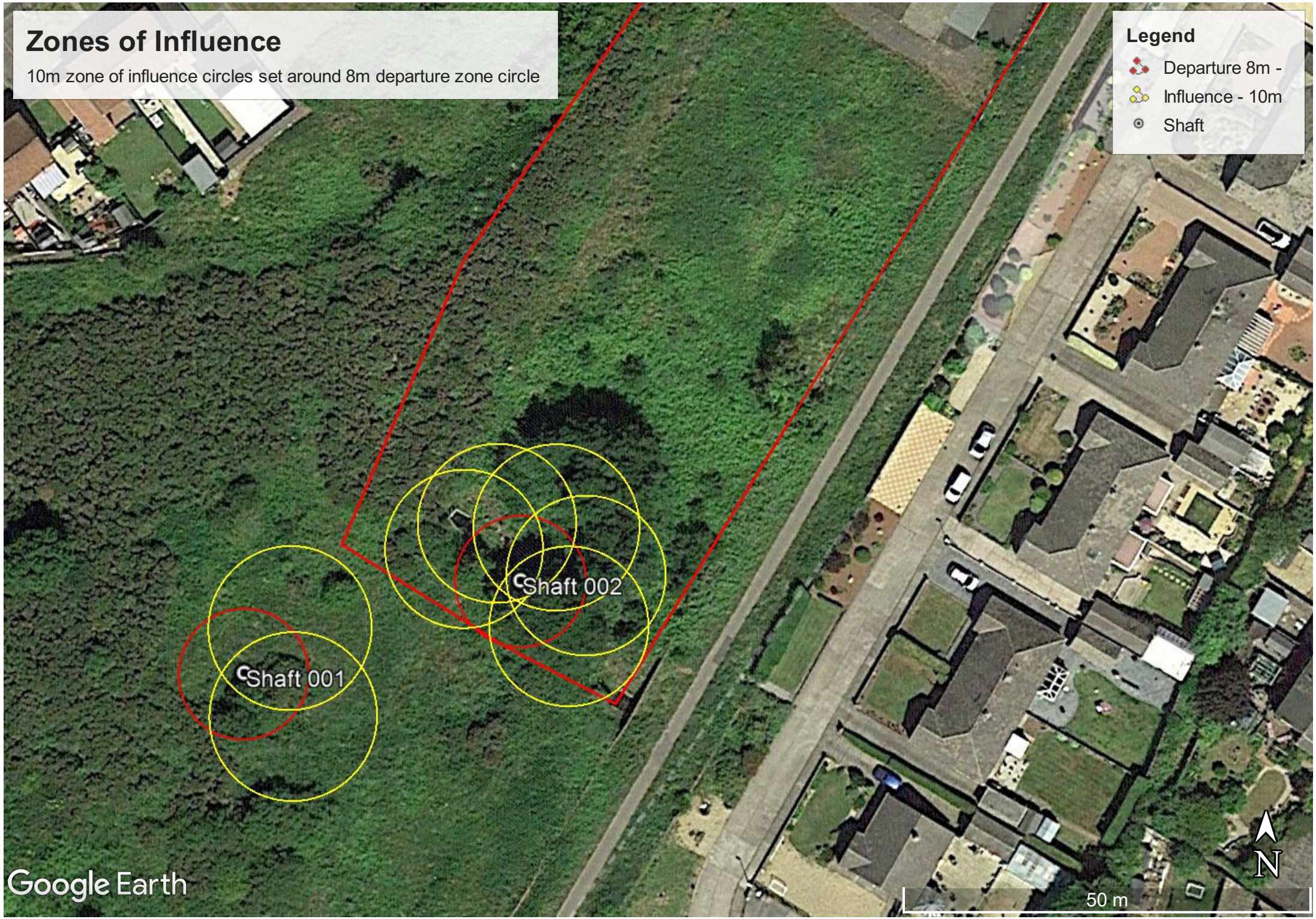
For Rogers Geotechnical Services Ltd,
Yours Faithfully

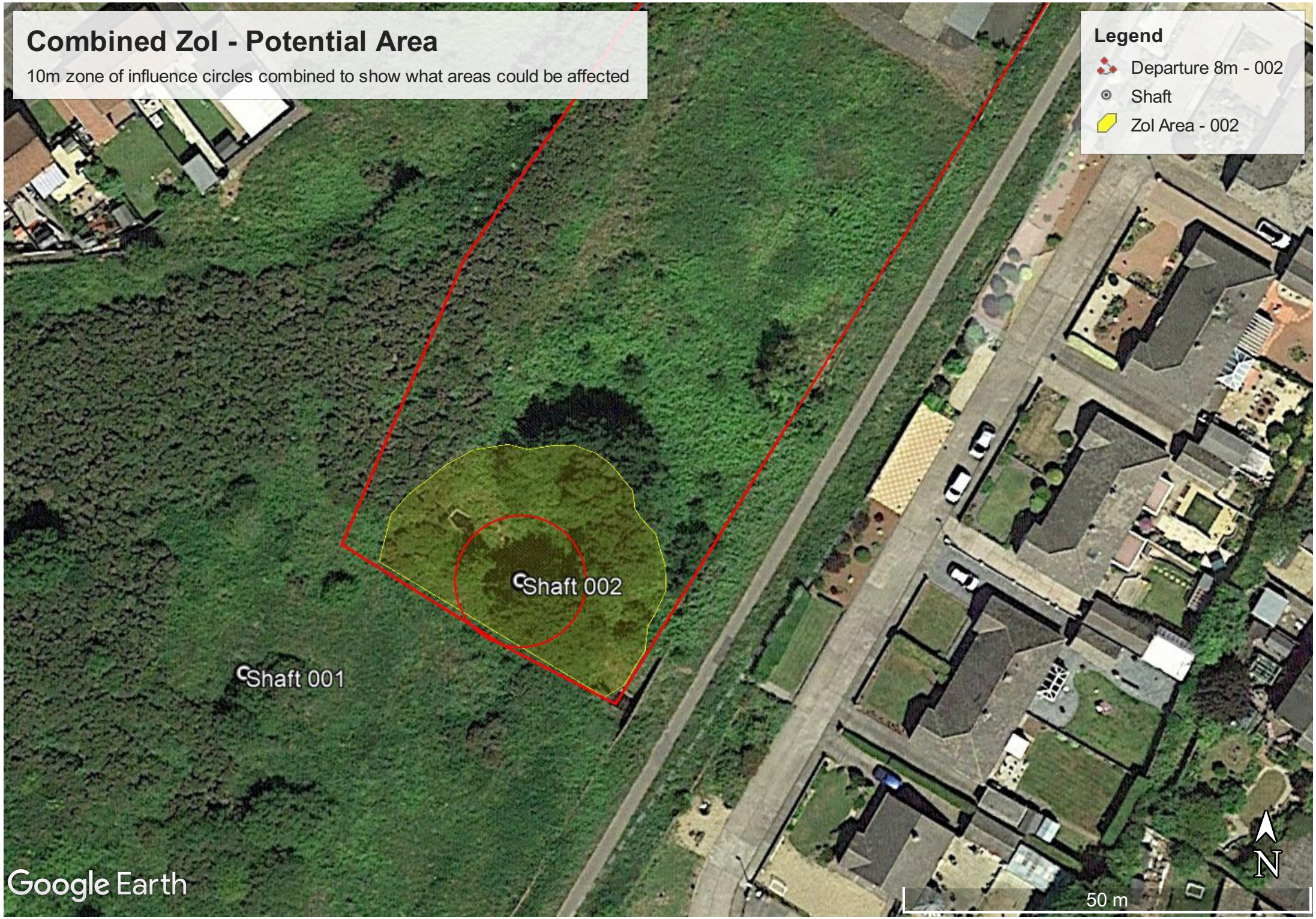
Rob Palmer MSc, FGS, ACIEH
Senior Geo-environmental Engineer

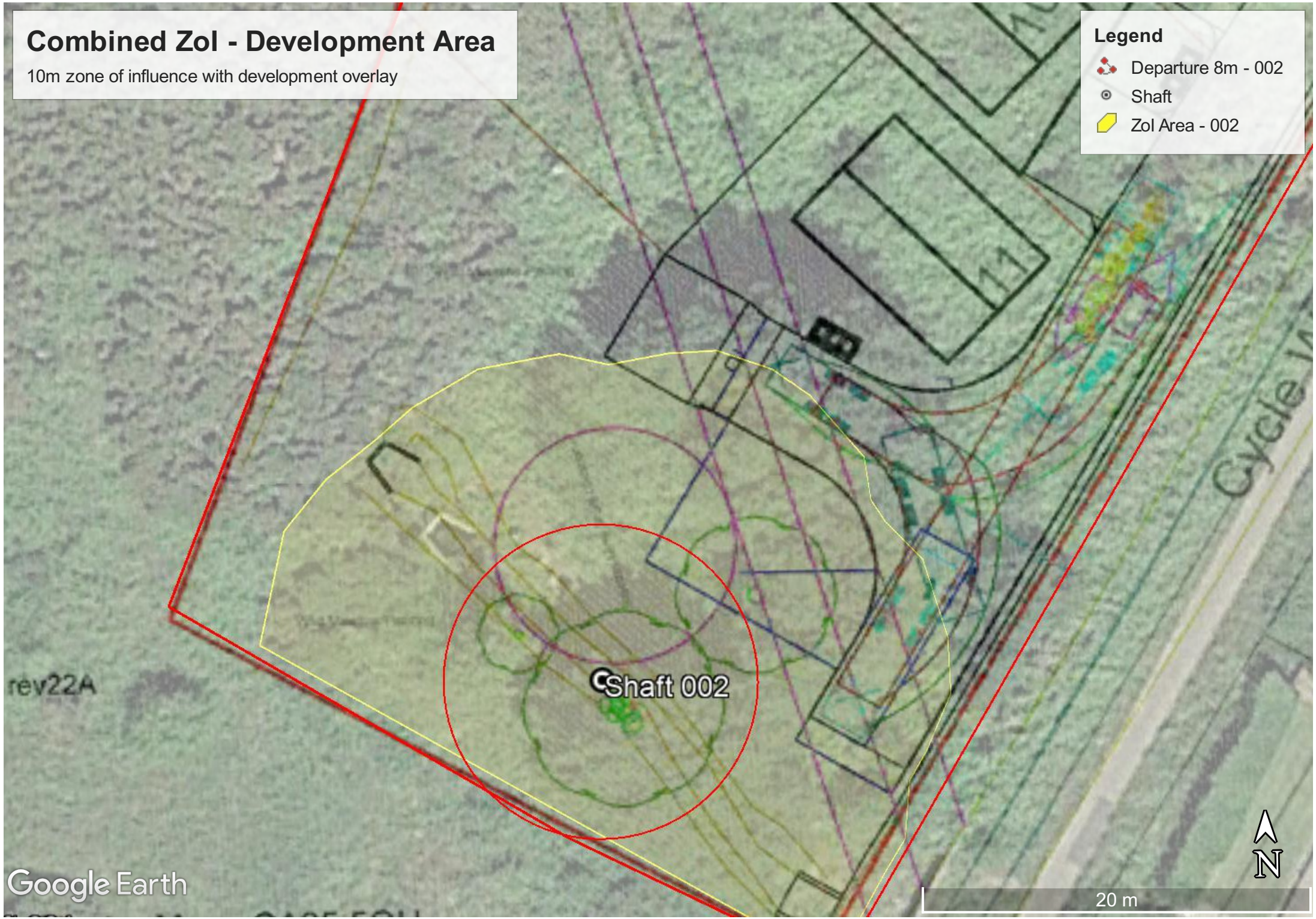
Appended

1) Proposed SI Works
2) Zones of Influence
3) Combined ZoI – Potential Area
4) Combined ZoI – Development Area

Proposed SI Works
Site Investigation - Machine Excavated Trial Pits & Trenches
Legend
Departure 8m -
Shaft
SI - Excavation Area
Shaft 002
Shaft 001
Google Earth
N
60 m


Zones of Influence
10m zone of influence circles set around 8m departure zone circle
Legend
Departure 8m -
Influence - 10m
Shaft
Shaft 001
Shaft 002
Google Earth
N
50 m


Combined ZoI - Potential Area
10m zone of influence circles combined to show what areas could be affected
Legend
Departure 8m - 002
Shaft
ZoI Area - 002
Shaft 002
Shaft 001
Google Earth
N
50 m


Combined ZoI - Development Area
10m zone of influence with development overlay
Legend
Departure 8m - 002
Shaft
ZoI Area - 002
Shaft 002
rev22A
Cycle
Google Earth
N
20 m