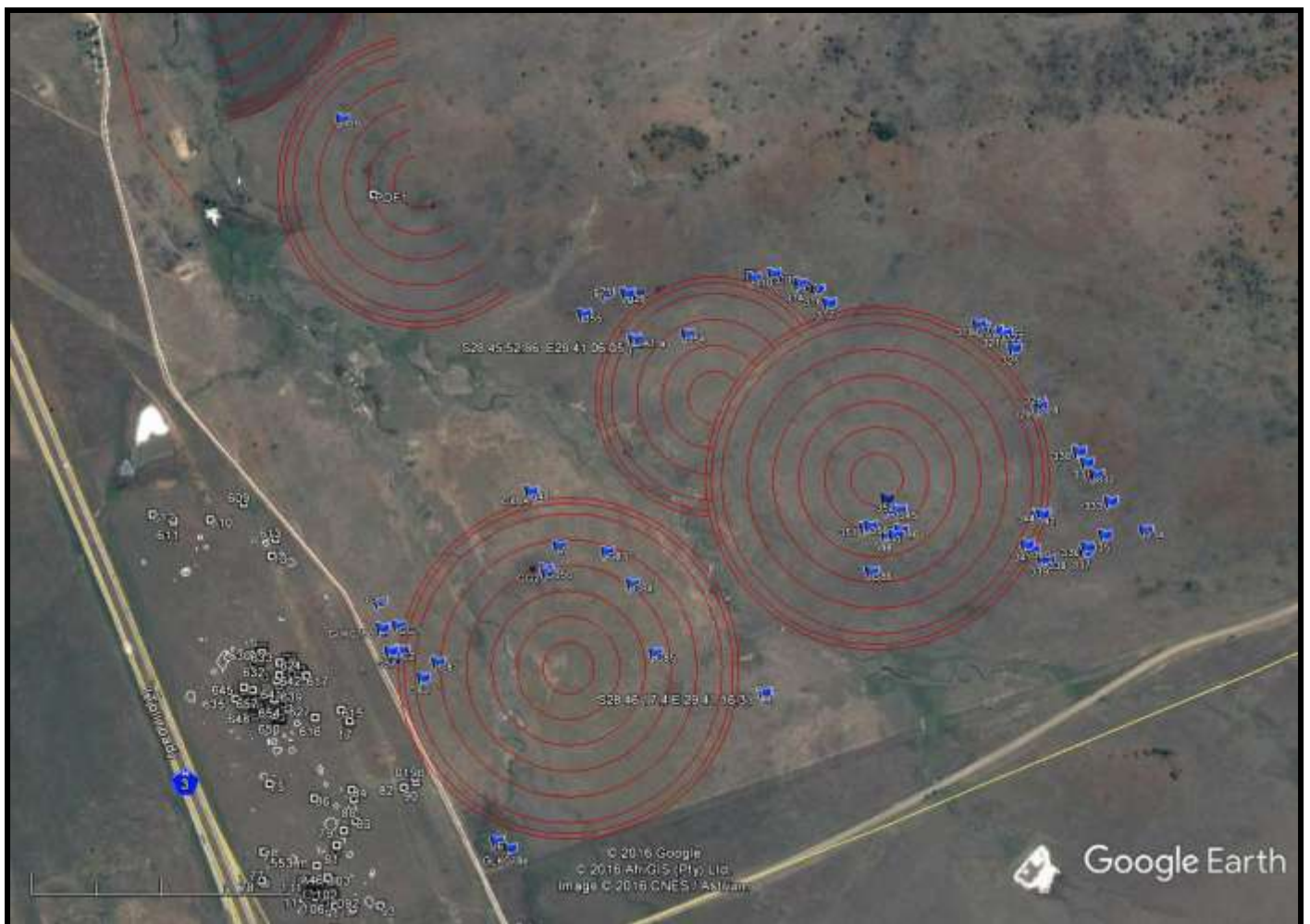


PROPOSED RESCUE EXCAVATIONS AT KOPLEEGTE FARM

Mr Kyle Vickers intends to convert grazing land to agricultural land. The Heritage Impact Assessment noted that several Late Iron Age kraals and graves occurred in the study area and that these will require further mitigation. Some of the graves are less than 100 years in age and these will be demarcated and buffered so that there is no impact on these specific graves. The HIAs have the following reference: Case ID 8733

Figure 1 shows the location of the pivots in relation to the graves and kraals. Table 1 gives the locations of these features and the proposed mitigation. Fig. 1 also shows the area excavated for the NMPP project (between the N3 and farm road).

FIG. 1: LOCATION OF HERITAGE FEATURES AND PIVOTS¹



¹ Blue flag = heritage sites related to this study; white squares = NMPP sites; red circle = pivots.

TABLE 1: LOCATION AND DESCRIPTION OF FEATURES TO BE AFFECTED

Name	Description	Latitude	Longitude	Pivot	Mitigation
G05	Grave	-28.7708798	29.6797249	1	excavate
G5A	Grave	-28.7706670	29.6796610	1	Excavate
g40	Grave	-28.7675970	29.6827250	1	Excavate
G40A	Grave	-28.7676970	29.6828640	1	Excavate
G050	Kraal and Graves	-28.7690987	29.6830588	1	Excavate, map, photograph
G81	Kraal	-28.7708880	29.6806900	1	Excavate, map, photograph
G82	Grave	-28.7711860	29.6803680	1	Excavate
G83	Grave	-28.7687610	29.6844060	1	Excavate
G84	House floor	-28.7693780	29.6849640	1	Excavate and photograph
G85	Kraal	-28.7707030	29.6854600	1	Excavate, map, photograph
GG1	Grave	-28.7701810	29.6798190	1	Excavate
GG2	Grave	-28.7691740	29.6830950	1	Excavate
GG21	Grave	-28.7691370	29.6831380	1	Excavate
G86	Kraal	-28.7691380	29.6901950	2	Excavate, map, photograph
7	walling			1	map, photograph
340	Grave	-28.7686980	29.6936730	2	Excavate
341	walling	-28.7686130	29.6935520	2	map, photograph
342	Grave	-28.7680580	29.6937670	2	Excavate
343	Grave	-28.7680290	29.6938380	2	Excavate
344	Grave	-28.7680250	29.6938880	2	Excavate
345/352	Kraal	-28.7679450	29.6907870	2	Excavate, map, photograph
346	Walling	-28.7683340	29.6908250	2	map, photograph
347	Walling	-28.7683740	29.6906810	2	map, photograph
348	Walling	-28.7684340	29.6905210	2	map, photograph
349	Grave?	-28.7684450	29.6905210	2	Excavate
350	Grave?	-28.7682570	29.6901630	2	Excavate
351	Walling	-28.7682950	29.6900580	2	map, photograph
352	Kraal (see above)	-28.7679470	29.6905680	2	Excavate, map, photograph
353	Walling	-28.7677400	29.6905270	2	map,

309	Walling	-28.7604020	29.6785650	3	photograph map, photograph
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PROPOSED MITIGATION FOR GRAVES

The plan is to remove the graves so that they do not interfere with the pivots and further agricultural activities.

I have undertaken excavations of several graves for the NMPP pipeline on adjacent properties. All 5 of the Late Iron Age graves had no human remains. This was probably a result of termite activity and acidic soils. I propose that each LIA grave has a test pit to note if human remains occur. Excavations will be undertaken by cross sectioning the grave, looking for evidence of a burial pit as well as physical human remains. If any human remains are noted the grave will be closed and rebuilt as close to the original as possible. The grave will then be fenced off and a buffer will be placed around it. If no human remains are noted then a soil sample will be taken within the centre of the grave. The grave will then be removed for agricultural activity. All graves will be photographed and recorded with a GPS.

Any grave less than 100 years in age will not be removed. At least 2 of these occur in the study area and these will be fenced off and buffered. The same holds for any grave that is not obviously related to the Iron Age.

PROPOSED MITIGATION FOR STONE WALLING

All stone walled features will be mapped with a Trimble. These features will be photographed as well.

Several small walls occur in the study area. These do not require mitigation apart from mapping and photographing.

Kraals will be partially excavated for artefacts and/or burials. The excavations across the road for the NMPP project yield very few artefacts –excavations were undertaken every 10m for 1km for this project.

