

edition map sheets. Any heritage resources that are 60 years or older would be depicted on the 1950 edition sheets. The topographical maps were obtained from the Department of Agriculture, Land Reform and Rural Development (DALRRD) in Cape Town.

The following two 1:50 000 map sheets were assessed for the Seelo Beta Solar PV footprint: 2627AC Rysmierbult Edition 1 1953 and 2627AD Carletonville Edition 1 1958. The maps were surveyed in 1953 and 1958 respectively and drawn in 1955 and 1959 respectively by the Trigonometrical Survey Office of the Union of South Africa, both from aerial photographs taken in 1948.

As can be seen in **Figure 2**, below, which is a combined view of the two map sheets, one homestead (hut) and a ruin are depicted within the Seelo Beta Solar PV footprint. Another homestead is depicted just outside the northern boundary of the footprint area.

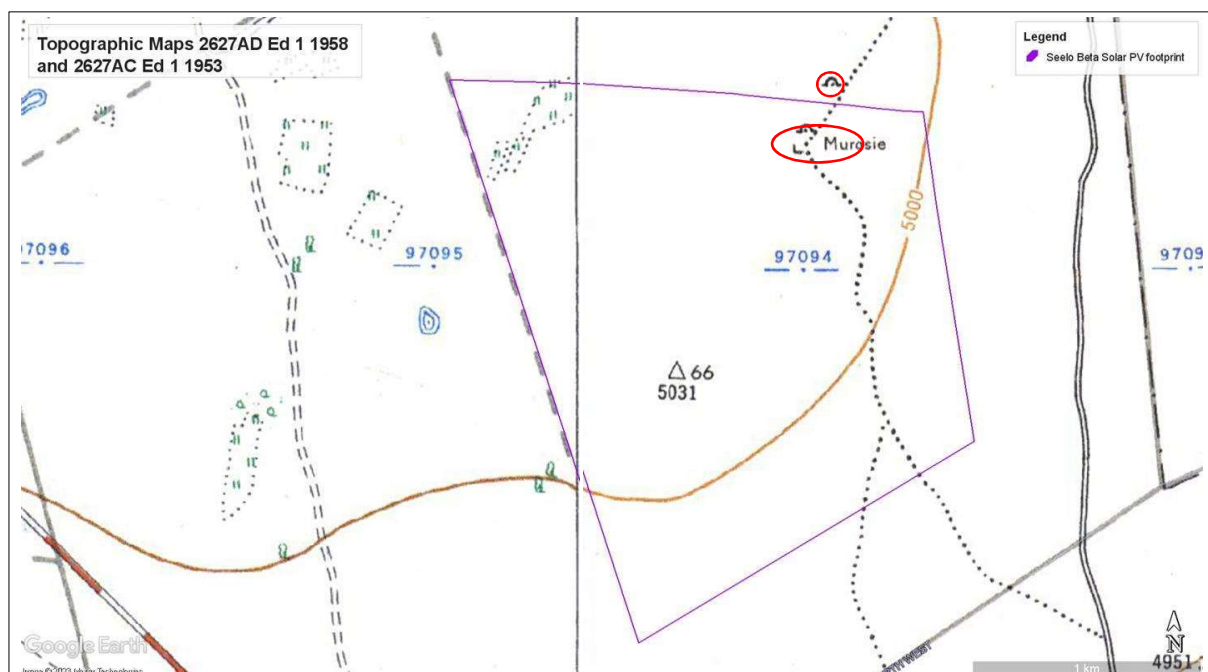


Figure 2: Enlarged view of topographic map sheets 2627AC Ed 1 1953 and 2627AD Ed 1 1958, depicting one homestead (hut) and a ruin within the Seelo Beta Solar PV footprint. Another homestead is depicted just outside the northern boundary of the footprint area (red polygons)

On-site Inspection

The project area terrain is situated on the central-east section of Portion 1 of Farm 96 (Rooipan). The general area is covered mostly with a grassland which varies from shorter to long and dense. The terrain is mostly flat, however, there are signs of previous and recent disturbance, e.g. many large piles of rock were noted on the property. The current use of the property is cattle farming (grazing). The area contains dolomite outcrops as well as quartzite/sandstone outcrops.

The on-site inspection (conducted on 19 January 2023) of the study area identified no visible archaeological or cultural heritage resources within or close to the Seelo Beta Solar PV footprint area. However, the long and dense grass cover in some areas increases the possibility that not all heritage resources were identified, especially possible informal graves.

Conclusion/Recommendations

1. Based on the Site Sensitivity Verification, the environmental sensitivity of Low for the Archaeological and Cultural Heritage Theme is confirmed.
2. However, although no visible archaeological or cultural heritage resources were identified within or close to the Seelo Beta Solar PV project footprint, since the extent of the study area is larger than 5000m², a Heritage Impact Assessment is required in terms of section 38(1)(a) of the National Heritage Resources Act (No 25 of 1999).

Status Quo/Baseline Receiving Environment photographs



Figure 3: View of the footprint area, showing the short dense grass and bushes in one section



Figure 4: Another view of very short grass covering a section of the project footprint



Figure 5: View of one of the sandstone outcrops occurring within the project footprint



Figure 6: View of one of the dolomite outcrops occurring within the project footprint



Figure 7: View of one of the piles of rocks scattered all over the project footprint



Figure 8: View of another area with extensive piles of rock along a fence line



Figure 9: View of the long dense grass and other vegetation with scattered stands of acacia on one section of the project footprint