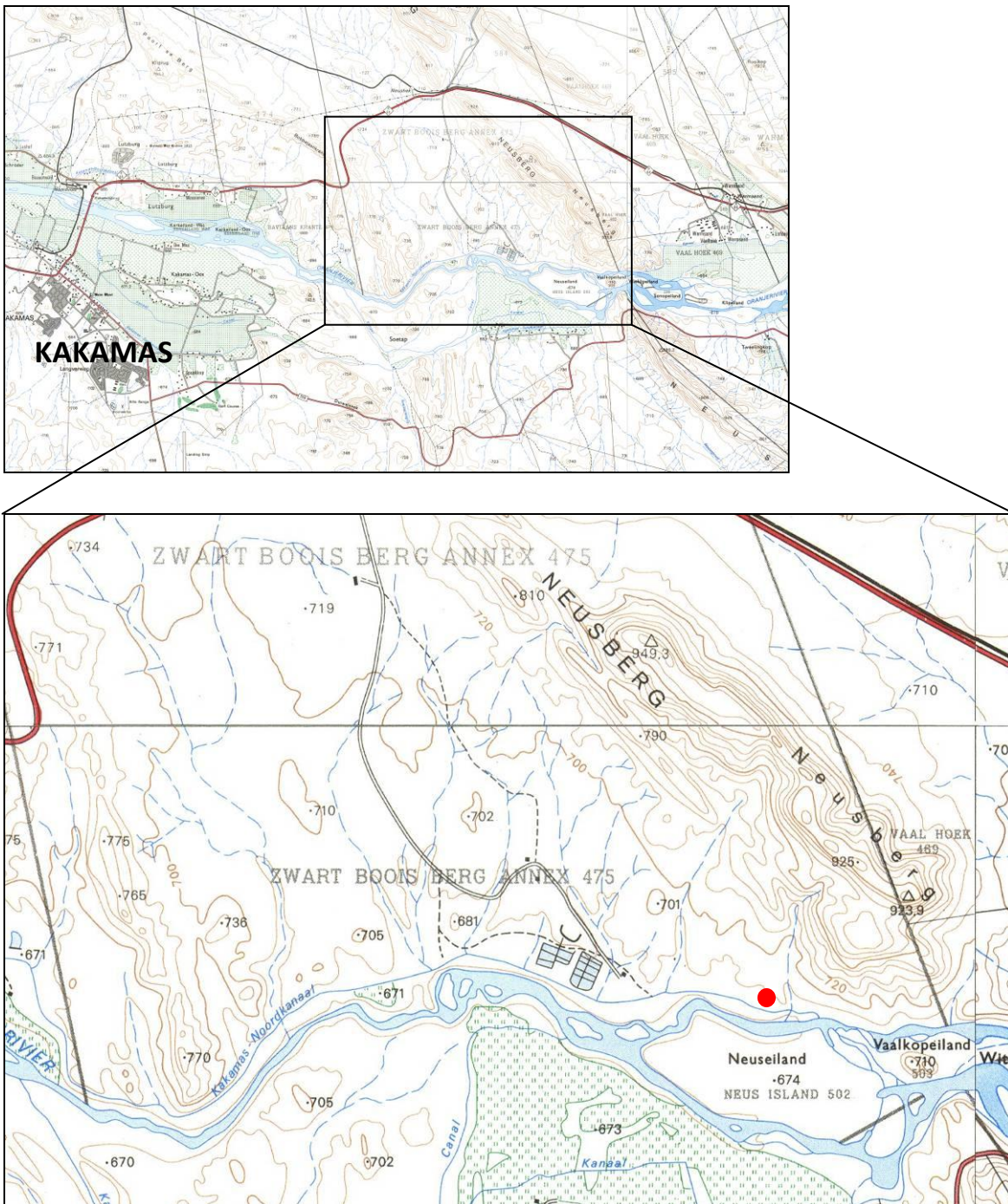


PERMIT APPLICATION SUPPORTING DOCUMENTATION

8. & 9. Nature and age of sites

This permit is for mitigation of MSA artefact scatters identified by David Morris (2010) on the north bank of the Orange River between Kakamas and Keimoes. Three “hotspots” were identified but not given any site names. It is proposed to name them ZBBA1, ZBBA2 and ZBBA3 for the purposes of excavation after the farm on which they occur (Zwart Boois Berg Annex).

10. Geographical situation:



1:50 000 map extract (2820DA-DB-DC-DD) showing the location of the sites (single red dot) and Kakamas.



Aerial view of the general study area showing the location of the three scatters (red circles).

- Province: Northern Cape
- Magisterial District: Gordonia
- 1:50 000 map number: 2820DC
- Latitude and Longitude:
 - ZBBA1: 28°46'1.81"S 20°44'14.46"E
 - ZBBA2: 28°46'0.88"S 20°44'19.18"E
 - ZBBA3: 28°46'1.92"S 20°44'12.98"E
- Recording method: GPS
- Farm Name and No.: Zwart Boois Berg Annex 475
- Nearest Town: Kakamas (11.5 km to the west)

12. Purpose of and reason for application:

A hydro-electric power station is planned for the area and the canal feeding the plant will pass through the area containing the artefact scatter. An HIA by David Morris (2010) identified the sites as requiring mitigation and this was incorporated into the RoD for the project. The present application is for the purposes of conducting that mitigation.

13. Nature of activity

The artefacts are on the surface and the areas will be gridded with all artefacts collected from square meters. The scatters were identified by Morris (2010) as being of much higher density than the surroundings so the limits of reasonable scatter will be taken as the boundaries of the sites and they will be sampled appropriately.

15. Landowner permission

The landowner has not specifically been spoken to for the purposes of this application but the developer has entered into a contract with the landowner in which access is granted for all phases of the project. We will, as per the requirements of that contract, make specific access arrangements as required once we know when we will need to have access. The contract referred to here is attached.