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24 September 2020

Environmental Authorisation Number: 14/12/16/3/3/2/538/2

Dear Dale,

PROPOSED AMENDMENTS TO THE ENVIRONMENTAL AUTHORISATION FOR THE RE CAPITAL 3C SOLAR DEVELOPMENT

The client, RE Capital 3C (Pty) Ltd, have proposed an amendment to the RE Capital 3C Solar Development on the Remainder of the farm Dyason's Klip 454 in the Kai Garib local Municipality, Northern Cape.

PROPOSED AMENDMENTS

The proposed amendment entails the construction of a Battery Energy Storage System (BESS), covering an area of approximately 4ha, adjacent to the on-site substation (within the authorised footprint of the development).

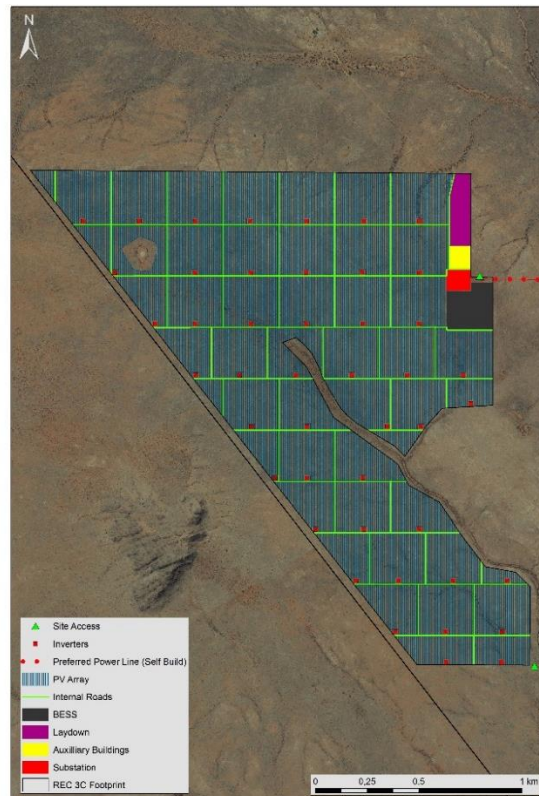


Figure 1: Position of the proposed BESS (in Grey). The Blue hatched areas indicate the total development footprint as authorised.

Heritage Impact of Proposed Amendments

During my study of December 2013, the following observations were made:

Obs No	Location	Landscape description	Archaeological features	Significance
1	28.59667 21.09101	Plain adjacent to localised bedrock exposures.	Widely scattered/isolated stone artefacts (<1 per 10x10 m). Predominantly on jaspilite and most likely Middle Stone Age (MSA)	LOW (OUTSIDE DEVELOPMENT FOOTPRINT)
2	28.59015 21.09025	Extensive bedrock exposure with !gorras (hollows where water collects).	Twentieth century cement feature most likely related to farming activity/water provision to animals.	LOW (OUTSIDE DEVELOPMENT FOOTPRINT)
3	28.58968 21.08932	Edge of bedrock exposure.	Higher density of stone artefacts, mainly jaspilite, MSA. Context (lag deposit in drainage line) is poor.	LOW (OUTSIDE DEVELOPMENT FOOTPRINT)
4	28.57582 21.07411	Flat terrain at southern edge of 'central' development footprint.	Isolated stone artefact – density of the order of 1 every few hundred metres.	LOW WITHIN DEVELOPMENT FOOTPRINT
5	28.57436 21.07482	Artificially modified vlei.	Depression in landscape has been artificially deepened (twentieth century farming). Packed stone features at one end.	LOW WITHIN DEVELOPMENT FOOTPRINT
6	28.56243 21.05805	Localised bedrock exposure.	About five grinding surfaces ranging from definite to less than certain. A small number of stone tools were found in the vicinity, as well as broken bottle glass.	LOW WITHIN DEVELOPMENT FOOTPRINT
7	28.56228 21.05834	Adjacent to localised bedrock exposure.	Lower grindstone.	LOW WITHIN

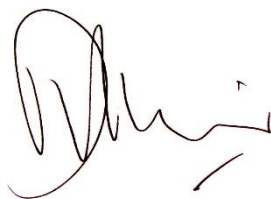
				DEVELOPMENT FOOTPRINT
8	28.56456 21.06042	Artificially deepened vlei.	Depression in landscape has been artificially deepened (twentieth century farming).	LOW WITHIN DEVELOPMENT FOOTPRINT
9	28.55907 21.03608	Small vlei	Very low density of widely scattered/isolated stone tools (expected higher density at margins of vlei)	LOW WITHIN DEVELOPMENT FOOTPRINT
10	28.55377 21.04126	Ruin of mud-brick dwelling.	Collapsed structure, adjacent kraal (28.55408 S 21.04115 E), nearby ash-heap (28.55356 S 21.04116 E). This may have been a farm-workers' dwelling (see Observation 11, next).	LOW (OUTSIDE DEVELOPMENT FOOTPRINT)
11	28.55748 21.04328	Ruin of mud-brick dwelling.	Collapsed structure (more substantial than that at 28.55377 S 21.04126 E [Observation 10, above], and includes what may have been a front porch). No definitive ash-heap was found: small quantities of glass, porcelain and metal was found in a swathe around the dwelling. Most likely age is mid twentieth century.	LOW WITHIN DEVELOPMENT FOOTPRINT

The proposed BESS area does not affect any of the observations listed above.

The impacts identified and assessed previously therefore remain unchanged.

My December 2013 study concluded that as far as archaeological and cultural heritage is concerned, it is recommended that the project may proceed without further mitigation. This conclusion remains applicable to the proposed amendment.

Yours faithfully



David Morris PhD

Head of Archaeology: McGregor Museum

Extraordinary Professor, Heritage Department, Sol Plaatje University, Kimberley