

## **Statement to Accompany HWC NID**

**Proposed construction of access road, dam, shed and dwelling on  
Farm 560, Plettenberg Bay, Bitou, Western Cape Province**

prepared for

**bluepebble - independent environmental agency, Mr Jonathan Kingwill, 082 777  
0705, bluepebble, Suite 41, Private Bag X31, Knysna, 6570**

by



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6 February 2012

## **1. Introduction**

The proposed development involves the construction of an access road, dam, shed and dwelling on Farm 560, Plettenberg Bay, Bitou, Western Cape Province (See Figures 1 & 2). The proposed activity will involve vegetation clearing and earthmoving activities in a portion of Farm 560 while the remainder of the property will remain undisturbed (Figure 2).

The proposed activity triggers the National Heritage Resources Act S38(1)(a) and S38(1)(c) (i) (Act 25 of 1999). Because development activities were undertaken without authorization, a Section 24G application is being prepared by bluepebble – independent environmental agency for submission to DEA&DP.

This Statement and accompanying NID serve to inform HWC of the proposed activity and to make recommendations regarding heritage resources that may or may not be affected by the proposed activity. The author was appointed by bluepebble – independent environmental agency to conduct a site visit of the affected area, to complete relevant sections of the NID and to produce this Statement for submission to HWC.

This document includes information obtained from bluepebble – independent environmental agency and further details and specifications may be obtained from Mr Jonathan Kingwill (see contact information on title page).

## **2. Study Area**

Farm 560 Plettenberg Bay is 26,6304ha in extent and is located off Keurboom Heights Road and about 14km NE of Plettenberg Bay, Bitou Municipality, Western Province (Figure 1). Coordinate data for the boundary points of Farm 560 are given in Figure 4 (also see Figure 3). The land use in the immediate surroundings is agricultural. Vegetation and surface sediments in the area of the proposed activity are disturbed by earlier vegetation clearing and earthmoving activities associated with preparing the site for cattle grazing. Examples of the environment – vegetation, disturbances, topography – are shown in Plate 1.

The study area was accessed by vehicle and the study was conducted independently (directional arrows in Figure 1).

## **4. Site Inspection and Results**

During the site inspection, survey tracks were fixed with a hand held Garmin Camo GPS to record the search area (Figure 3). Archaeological occurrences and photo localities were also fixed by GPS (Figure 3 and Plates 1 & 2). Directions of views are indicated with bearing names on the photos. Numbers of photos are matched with numbers in Figure 3. Digital audio notes and a high quality, comprehensive digital photographic record were also made (full data set available from author on request).

A brief history of the site is given in the accompanying NID. The affected property was inspected on 29 January 2012 with a focus on the impact of the proposed activity on archaeological and heritage related resources. Activities already conducted on the property are the construction of an access road, a platform and dam (Figure 2 and Plate 1).

Several Stone Age artefacts of Early Stone Age (ESA) and Middle Stone Age (MSA) origins were identified in the previously disturbed sediments at the platform and dam (Figure 3

[green dots] and Plate 2). A few pieces of modern glass and ceramics were also seen in the disturbed sediments. No further heritage related resources were identified.

## 5. Recommendations

It is anticipated that construction activities may impact previously undisturbed deposits that may contain Stone Age artefacts. However, as is indicated in the brief history of the site (NID), it is likely that a great deal of sediments in the affected part of the property is already disturbed. Because an adequate portion of the affected area was inspected during the site visit, and because all identified artefacts are in secondary/disturbed context, it is recommended that an Archaeological Impact Assessment is not required. However, this statement and the accompanying NID serve as a record of archaeological materials identified on the site. It is recommended, therefore, that an HIA (AIA) is not necessary, but that archaeological monitoring be conducted during the vegetation clearing and construction phases of the proposed development in the event that previously undisturbed archaeological remains are unearthed.

## Figures and Plates (on following pages)

### File names and captions for figures and plates used in this report

Figure 1 - Farm 560 Plettenberg Bay Nilssen.jpeg

Figure 1. General location of Farm 560 relative to Plettenberg Bay, Western Province. Map courtesy of the Chief Directorate Surveys and Mapping.

Figure 2 - Farm 560 Plettenberg Bay Nilssen.jpeg

Figure 2. Enlarged area indicated in Figure 1 showing the site development Plan. Courtesy of bluepebble – independent environmental agency.

Figure 3 - Farm 560 Plettenberg Bay Nilssen.jpeg

Figure 3. Farm 560 boundary (red), boundary points (A through F), survey tracks (white), photo localities (camera icons) and archaeological occurrences (green dots). See Figure 4 and Plates 1 & 2). Courtesy of Google Earth (2010).

Figure 4 - Farm 560 Plettenberg Bay Nilssen.jpeg

Figure 4. Layout and coordinate data for boundary points of Farm 560. Courtesy of bluepebble – independent environmental agency

Plate 1 - Farm 560 Plettenberg Bay Nilssen.jpeg

Plate 1. Panoramic views showing existing development activities (access road, platform and dam (14, 17 & 28) and the surrounding environment – vegetation cover and topography.

Plate 2 - Farm 560 Plettenberg Bay Nilssen.jpeg

Plate 2. Stone Age artefacts identified in previously disturbed sediments including Middle Stone Age (MSA) and Early Stone Age (ESA) specimens.

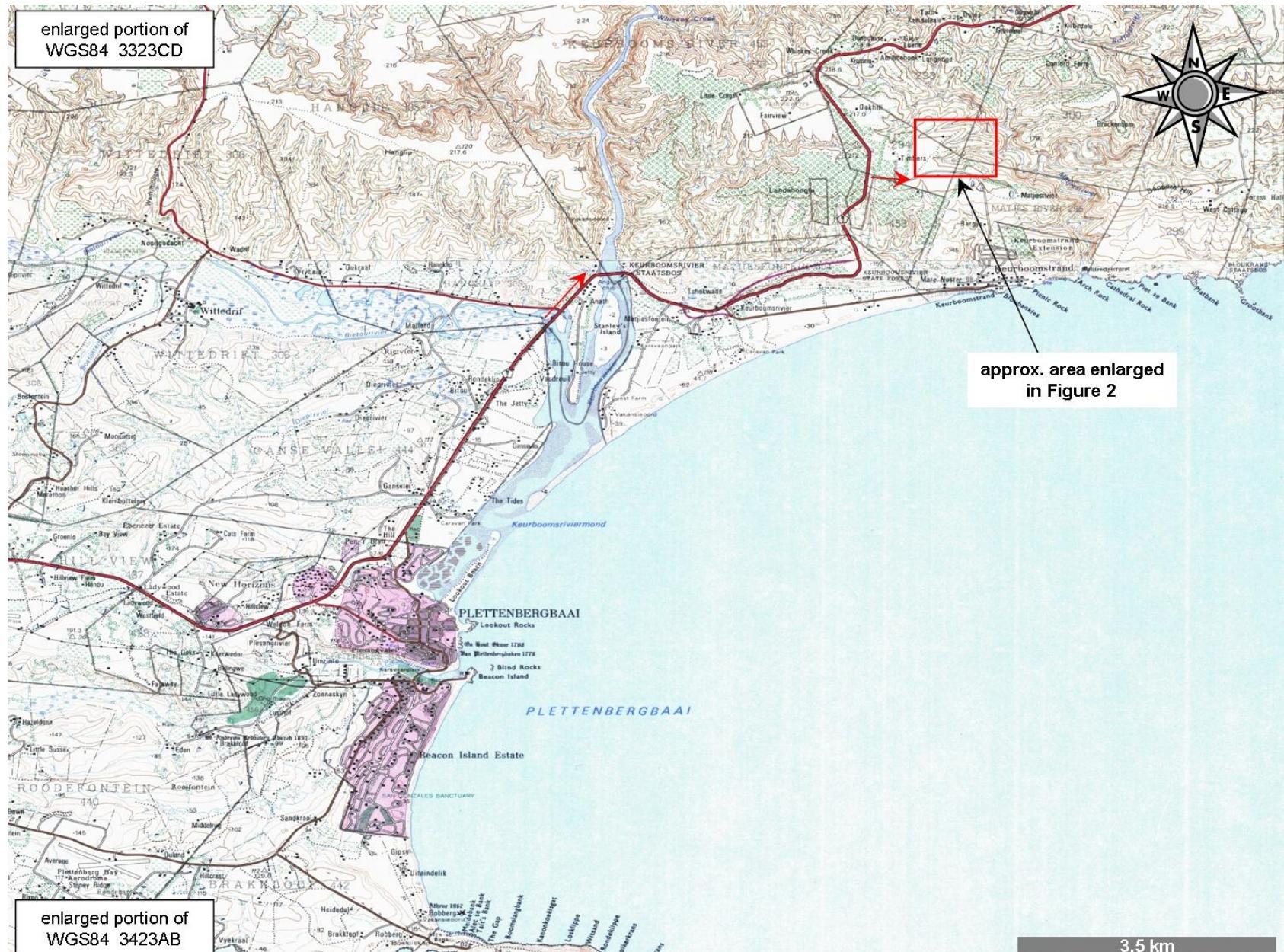


Figure 1. General location of Farm 560 relative to Plettenberg Bay, Western Province. Map courtesy of the Chief Directorate Surveys and Mapping.

## Farm 560 Plettenberg Bay

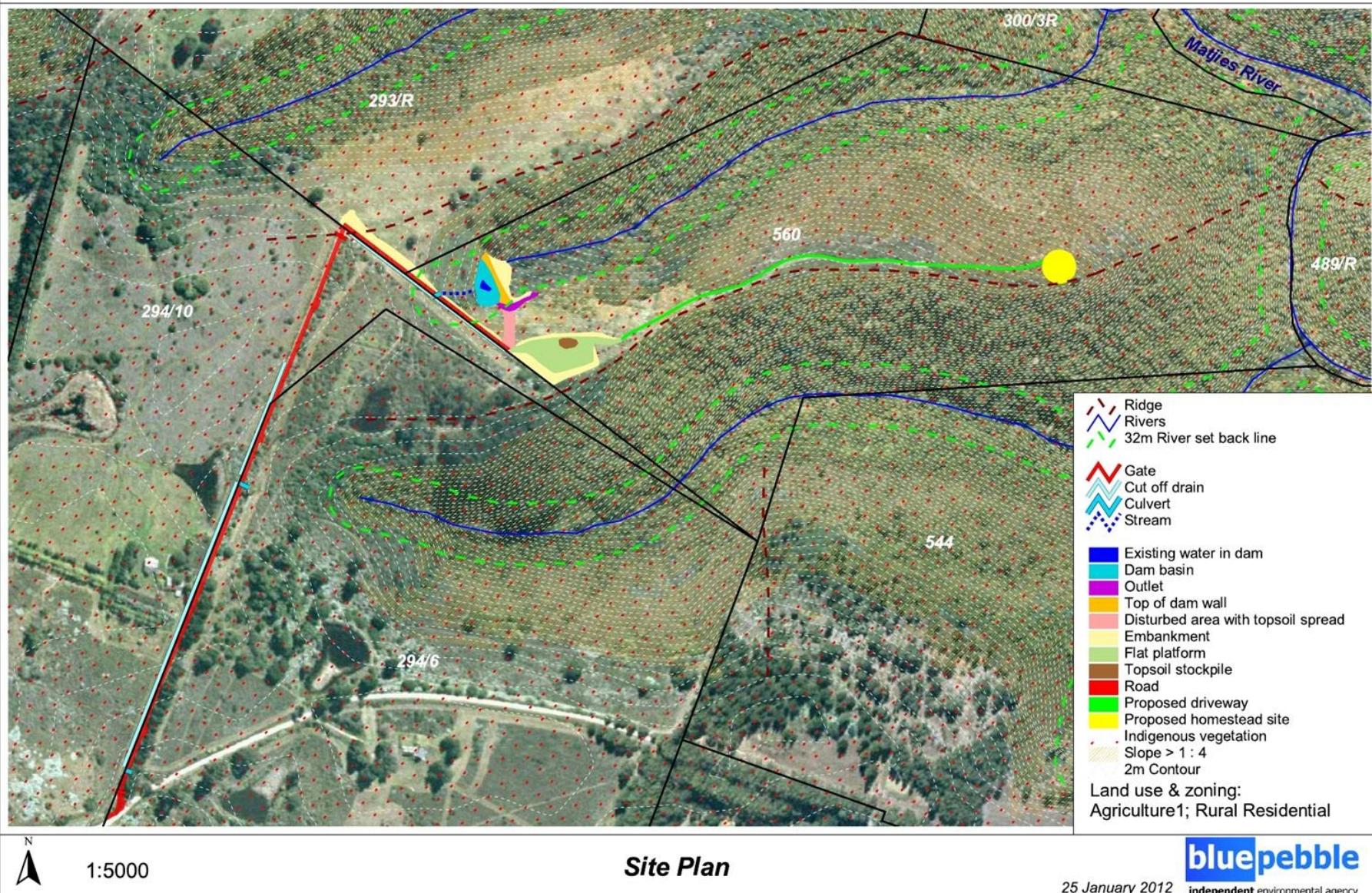


Figure 2. Enlarged area indicated in Figure 1 showing the site development Plan. Courtesy of bluepebble – independent environmental agency.

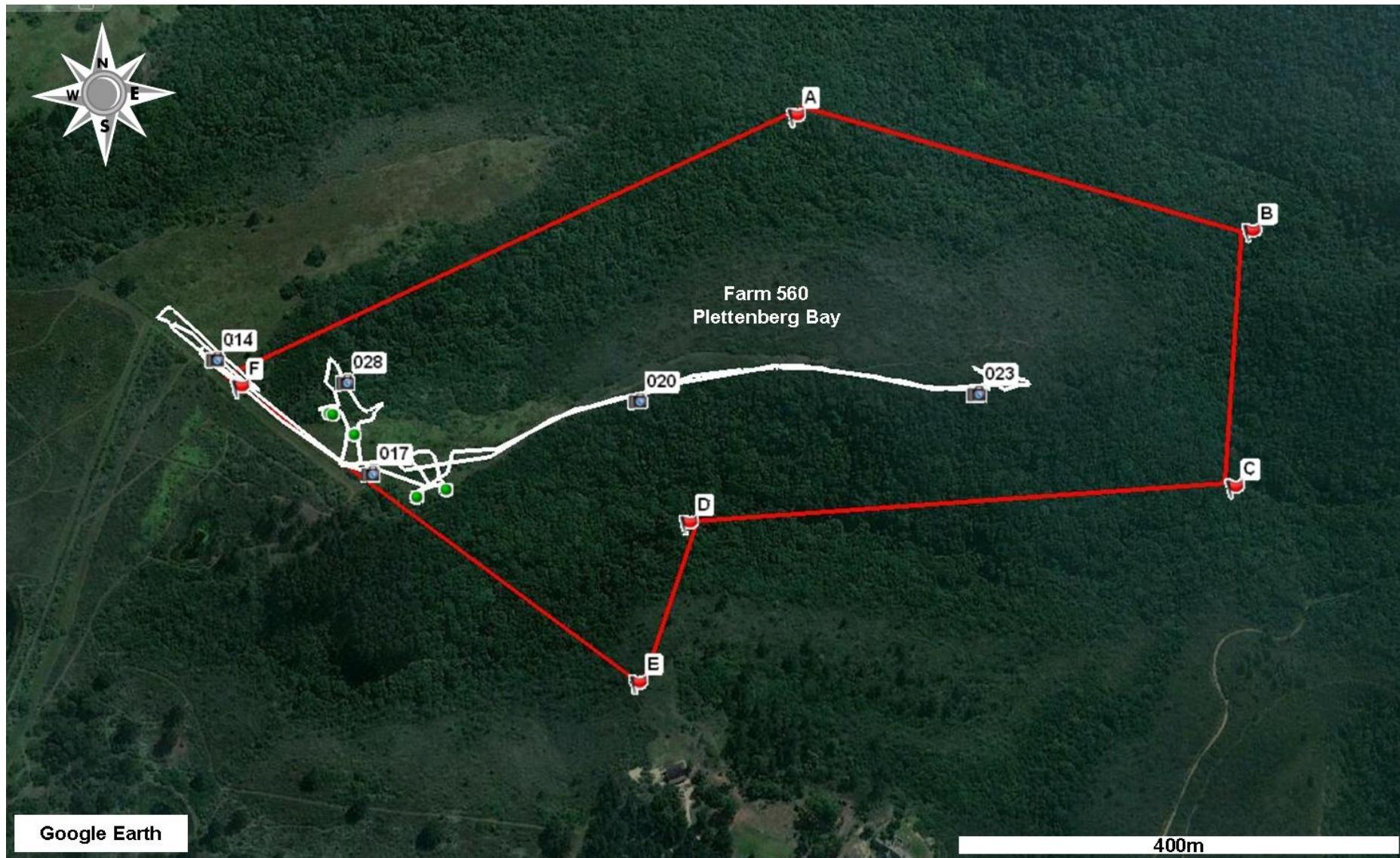


Figure 3. Farm 560 boundary (red), boundary points (A through F), survey tracks (white), photo localities (camera icons) and archaeological occurrences (green dots). See Figure 4 and Plates 1 & 2.

S.J. McMillan  
Professional Land Surveyor

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The Farm No. 560

situate in  
Bitou Municipality  
Administrative District of Knysna  
Province of the Western Cape



S.G. No.

8584/2006

Approved

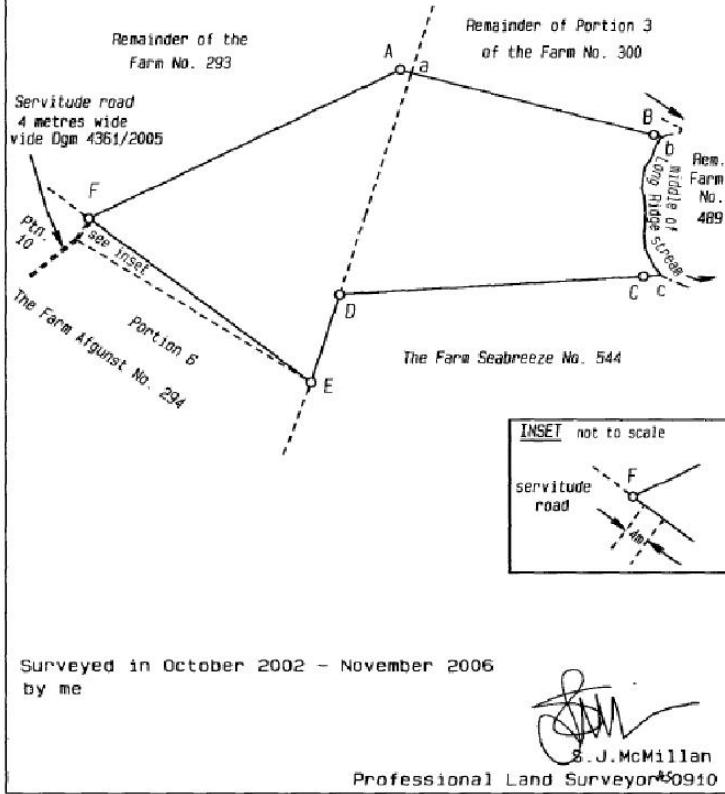
*S.J. McMillan*

for Surveyor-General

2 - / - 2007

SHEET 2 OF  
2 SHEETS

Scale 1: 7500



S.J. McMillan  
Professional Land Surveyor

**OFFICE COPY**

SIDES Metres	ANGLES OF DIRECTION	CO-ORDINATES Y System WG 23°X		S.G. No.
		Constants	: 0.00 +3700000.00	
AB	436, 78	284 37 50	A -41984, 08	+61619, 26
BC	240, 19	4 03 30	B -42406, 70	+61729, 58
CD	508, 04	86 28 10	C -42389, 71	+61969, 17
DE	157, 03	17 36 00	D -41882, 54	+62000, 47
EF	452, 00	127 09 40	E -41835, 15	+62150, 15
FA	575, 17	244 02 10	F -41466, 97	+61871, 07
BB		284 37 50		
Cc		266 28 10		
(70) SALT RIVER			A -47404, 10	+52132, 49
(43) KEURBOOMS RIVER			A -21038, 39	+64179, 27

SHEET 1 OF  
2 SHEETS

**Beacon Description**

A, B, C, D, F      Iron standard  
E                  Planted stone

**Components**

- (1) The figure AaEF represents Portion 30 of the Farm No. 293. Vide Diagram S.G. No. 8582/2006, D/T 2008. - 65743
- (2) The figure ab middle of Long Ridge stream cD represents Portion 21 (a portion of Portion 3) of the Farm No. 300. Vide Diagram S.G. No. 8583/2006 D/T 2008. - 65742

The figure Ab middle of Long Ridge stream c D E F represents 26,6304 hectares of land, being

**The Farm No. 560**  
and comprises (1) and (2) as stated above

situate in  
Bitou Municipality  
Administrative District of KNYSNA  
Province of the Western Cape  
Surveyed in October 2002 - November 2006  
by me

*S.J. McMillan*  
85910  
Professional Land Surveyor

This diagram is annexed to No. T 65744 / 2008 dated 1.f.o.	The original diagrams are as stated above	File No. Knys.560 Vol.1 S.R. No. 3345/2006 Comp. BM-7000 (4105) LPI C0390000
	Registrar of Deeds	

**S**

Farm 560 Knysna

Figure 4. Layout and coordinate data for boundary points of Farm 560. Courtesy of bluepebble – independent environmental agency

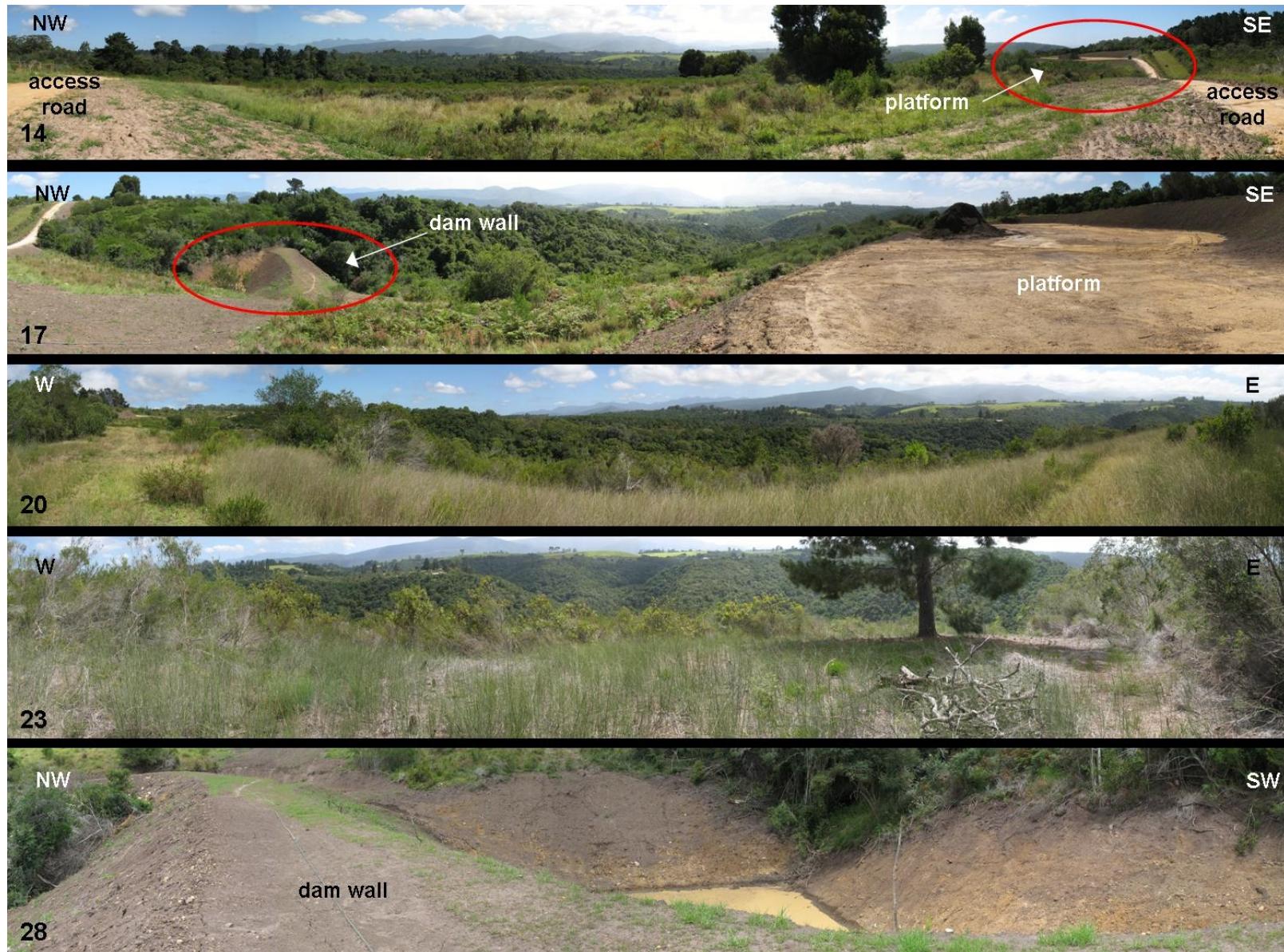


Plate 1. Panoramic views showing existing development activities - access road, platform and dam (14, 17 & 28) - and the surrounding environment – vegetation cover and topography.



Plate 2. Stone Age artefacts identified in previously disturbed sediments including Middle Stone Age (MSA) and Early Stone Age (ESA) specimens.