Ž ARCHAEOLOGICAL ASSESSMENT OF HARBOUR DEVELOPMENT AREA, STILBAAI SHELL MIDDENS,

THE STILL BAY TRUST

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Research by

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INTRODUCTION

the examination of located shell middens. on the proposed development commissioning a phase 1 arc municipality. potential their these involved a survey of including the Trust Point (structure and following regional archaeological sites archaeological over Stilbaai. O Th y. The concern of members of the Still Ba the environmental impact of the development he possible destruction of archaeological s sequence w hotel The pages preservation) of Late b A portion of this development site Stone Age contain rvation) of individual : importance in terms of the development and archaeological investigation. general prehistory focuses on the ω zone has sites report situated on Morri Åq area followed by resulted in area has been proposed by the Stilbaai on the Our assessment integrity Sites what archaeological Of. the n as their area known well sites 'n 2 0 മാ This 0 H)

ARCHAEOLOGICAL SITES ON MORRIS POINT

(figure 1).
indigenous f
north face o beyond the eastern breakwater of the harbour (
The development zone is bounded to the south I
West, and to the north line is the south I visvywers situated to particular VIEW West, proposed O.F. Stilbaai, t lar interest to the Of f fynbos development the The north by the harbour and slipway complex e dune itself is overgrown with a mixture dune and the р. С beach front, harbour and es the close proximity of a intrusive the north west of area consists Australian vegetation. of densely the harbour. by Main (figure מו estuary. number pleasant the mixture vegetated Street West Of: The Of 0 d

A survey of the dune archaeological sites if the dune accordance development. the dune area were with These standard that have been recorded that would be in danger of o archaeological methods. revealed the presence and described Of: destruction three L.

Some out slipway. the property of me the stilbaai, the pway. This along a 15m SB 1 Lies due consists of a s stretch of the above the slip south the estuary, harbour the south eastern end Of slipway the single dune cap. Western The outlook of the site and slightly lense of end Of f and an extensive The 0 Stilbaai shell e site the d eroding lies the harbour beach east

lies indi and quartzite found in the consist Although much of this site has been eroded, 3 test excavations (0.25x0.25m) into the crest of the dune the eroding shell demonstrated that in situ material cation eroded undisturbed 0f slope 0 H mostly surface boulders. the SPE under the shellfish, some Little midden passed sample contents. sand. through a from OMO bone this fragments ,Du sample This site. and 3 70 70 0 SPA sieve Of 0 pottery found 4 t sodab flaked osit from obtain ar 0 behind still S C C C stone 20

available than 2000 and encamped variety of marine discarded essentially Q D for this the stone shore e foods. Radio-carl site but we suspect (before present). artefacts of Lata 0f acts of Late Stone I Stilbaai where they Radio-carbon dates the that domestic Age it not Were are geop exploit older 100 Te ing

not only in si stratified dep and clean the and clean the section in order to sample and record contents of each unit. 6 stratigraphic units with different shell fish species contents were easily defigure 2). Initial indications are that faunal and vertebrate fish bone quantities may show species and quantitative differences from unit to unit through the ceramics were recovered from the section sample. well ing eroding above lding. ling. The stratified the harbour talus n situ, bu deposit. This section slope. ur master's office and public lavisible portion of this midden exposure but contains at least 1 met

but decision was made to Of exposed section of the compacted shell of the dune meter of midden and an further lavatory consists th quite defined and midden time clearly the expos r U 0 Ω

Site SI people 3000 ye 3000 years). conservation. SB OUR N can lived at clearly provide ved at Stilbaai The sequence here merits information protection n about prehistoric later Holocene (las and (last

Site 100 dis 10 the turbed consider below, top of th previous it to be and to the to be of dune. roadworking. West small importance. S_0 Of ephemeral scatter of softhe view point parking consider this site to tking. For this reason For parking reason shel area **}----3** that

ARCHAEOLOGICAL CONTEXT

no longer re Bay culture referred to little doubt area, a archaeological studies have resulted from Observations and collections made by prehi Stilbaai area during the earlier half of tresulted in the delineation of the Still Freferred to a characteristic set of stone found on an open site near Stilbaai The S longer refer Stilbaai are the scienti although few of t ific examination. doubt S that t area the ific to this MOU there has ite near Stilbaai.
this term, as the
considered to per
"Middle Stone Age" "Middle community but these attracted a certain are have many Age" (MSA). The MSA sites in the been subjected to the artefacts pertain to a virtually no alf or Still Bay Culture, with f stone artefacts first i. Modern archaeologists of the Still prehistorians amount no major period There 0 intere ES ES widely

visvywers South Coas notes the s Dis scientific commun Coas: aspects UMO tho od (tidal fish traps) that are quite common on the trofessor A.J.H. Goodwin writing in 1946 tidal fish trapping had been largely ignored ific community. He therefore published a particle community. observations attention of of the archaeology of Stilbaai on of the scientific com 0 the archaeology community are 0 f that visvywers have on the paper Λq the

福度的をとうのでします。

prehistoric people of the Late Score fishing method that enabled them to large quantities of vertebrate fish greater Age Geor went admission) Oakhurst others nave existence visvywers large contained a gr ge. southern suffered considerable on to means that excavation showed had been shelter for Were suggest that need that hundreds of u ada cemented great further 0f Goodwin's conclusions L'S use deposits ω Ω Goodwin (1946) concluded number of kilometers the Late Stone Age had invented prehistoric a t deal these corroboration. the into years. deterioration over time, more storic cave Although he present t structures place by ric cave site (O ributed to the L fish bone than coast. Many effectively exploit - namely, by means ime (at sea organisms. noted that of the had been in ဌ (Goodwin bis from the 了. (5) Unfortunatel (Oakhurst) that Later deposits structures UMO UMO L N N many 1946 nately coast while Sprok Stone 0 near W **0** D D

correlation of stratification with these traps" (Goodwin 1946:1). stratified midden or cave deposits "Our only certain method of dating these vywers will be in close association with these traps, and the excavation of

this time, 100 such excavations had been conducted

gathering of visvvwe dependent with the 1 Avery than that changes could e about that into changes had cape. Factors years these South VISVYWEIS results 3000 years old shortly after what (Q (Q (Q) ago (1975) to economically changing features Coast This resulted such knowledge levels on the stability of the interti the SPA society. Of. taken place дау involved the introduction of Sea previously an ety. It is Avery sea Ϋ́d dge that believe SOMe some of his n old. had y date back to 200 in larger bands larger bands lly build and expl SPA referring to levels d not ch 2000 years Of thought Broader regional research
) years ago, significant the traps are among the changed and exploit viswer d U (Avery 1975). It anged in the last ght to be 1m lower thought that the first to 2000 years ago when bands of pastoral peop research South African egalitarian hunting thought that the fire 6 ago, are what date visvywers could prehistoric intertidal SPA on visvywers 古命 Visvywers known at construct traps being Museum domestic 3000 first ps zone, can today, restricted to the can be a second to the can be than **Was** people who people of published and economic of the years the also showed believed ion of social today). building animals combined time 1975). led (5000 more Cape the

Despite t holds dated. excavate good in 199 Goodwin's (lytt) these Cape поге (1946) statement that there recent observations, proximity Ö the a fish VISVYWers securely trap Sex ω a need still 0 H the

layering that tarchaeological understanding t strat Although rica, arraphic ratigraphic that archaeologists shell the takes sequences. deposits. middens relative rely 3 Ø during chronology These Stratigraphy is Common 9 Sites layers along the accumulation of 0 are the key 古he past retain the events. patural Ò C[†] H) South

Archaeological res remains from midden sites. This however would arge or long term project involving several year or long term project involving several year are forced to acknowledge that the this type of study should not be destroyed of fish trap catch statistics compared with identified the fight from midden sites. This however for this type prographically associated with visvywers hold the way, when and how these structures were built. K 17 K . sportance. inble technology, archaeologists are obliged to rely o extrapolation of observations from associated shell ens. This could conceivably involve detailed studies #:ddens and to poor C C C stratigraphy; are all the mo are protected by the national months a lesser extent, SB 1 should be ce. These sites that are direct remains are of the past stratigraphy igraphy that a more finite is lost scarce. are are lost closely associated with national are directly 1 forever. once they destroyed. Besides monument the potential considered to be years, many s. In the the the clues are damaged to rely on fact act, a very Since that sites fish Sp site

MECOMMEMDATIONS

the Morris Po study Of Point f the archaeological significance of oint development places us in a posi-recommendations. These are detail. significance of 3 sites ces us in a position to m These are detailed below. make

prion 1

middens associated with visvywers are of the southern coast (364) excavate sites in nvestigated a A. Chough inless such needs knowledge. unlans this can be integrated upon broad regional in implation do not archaeologist to excavate a site is one that is lightly. Archaeological studies at most times undisturbed and protected. ential in terms have already the es in response to specific research of needs arise, a site is best left undis archaeology of visvywers in relation f people living on the coast is not be at present, researchers (Goodwin 1946) H d other words preserve of South Africa. research strategies. provide good information about our understanding of researchers (Goodwin 1946, Avery lated a body of hypotheses that d verification. We believe that an archaeologists archaeological

A decision into are of sound ific research objectives best left undisturbed. a regional body generally the human Va Sites excavated site an research not are M. being to the the 0 6 taken based past leave past 01

ro remain undisturbed until such time beeds require that they be excavated. is our foremost recommendation zone at Morris such time that that the genuine research 3 shell middens Point are allow allowed

L uotada

remove sites th 3.e.cond 4 nd involves that Less ре contracted to exca the threatened excavation of excavate and by development. Ts. that ω physically outside of This any

developer qualified the projec information of a quality that is accept community for years to come. Contractionstly and time consuming as a result may excavated). fulfil excavat more ω arise project for long period of analysis. This the needs of any conceivable se at any time in the future (depending objectives. professional archet for a period of lepending of the t archaeologists who of anything from This type however future. and number of sites Contracted ovide a set acceptable This research means extreme Of, of detailed means The site has ω excavations can will need work on that team of that Of to the care questions the complete S the highly excavation Q 40 research d けの a year that D'O

permit disturbance of time anywhere), we team who permit the development and (granted to archaeologistal law. Develogial meterial Will money to do excavate for is to take 0 from the archaeologists only)
lopers are therefore the National Monuments hire the place on Morris sites after the developers consider qualified archaeological they without an excavation) is an infringement obliged to are Council. issued budget With

STAMMEN

uniquely visvywer suggest they wi development circumstances leads us lesser extent, threatened by a proposed development. these middens, visvywer complexes and a extending south of Stilbaai has shown the stilbaai had show on the Monuments Act. middens will need C[†] ddens are automatically protected by the National nts Act. In this particular report we have focus archaeological potential of 3 middens that could that would complex. avoid nces dictate that it positioned of the d d d d d d 0 tund an archaeological a destruction of arch fund that the site should the that it is impossi dune above חֹו t wo be of consider the midden association with sound research value the shown impossible logical research program archaeological evidence. Stilbaai that ЭĞ the 90 coastal An examination of made SB protected. these harbour, to avoid Stilbaai and survey aware middens which focussed G 0 If are

REFERENCES

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Goodwin, A.J Africa. A.J.H. 1. 1946. Antiquity Prehistoric 20:1-8. 力 ishing methods L T South

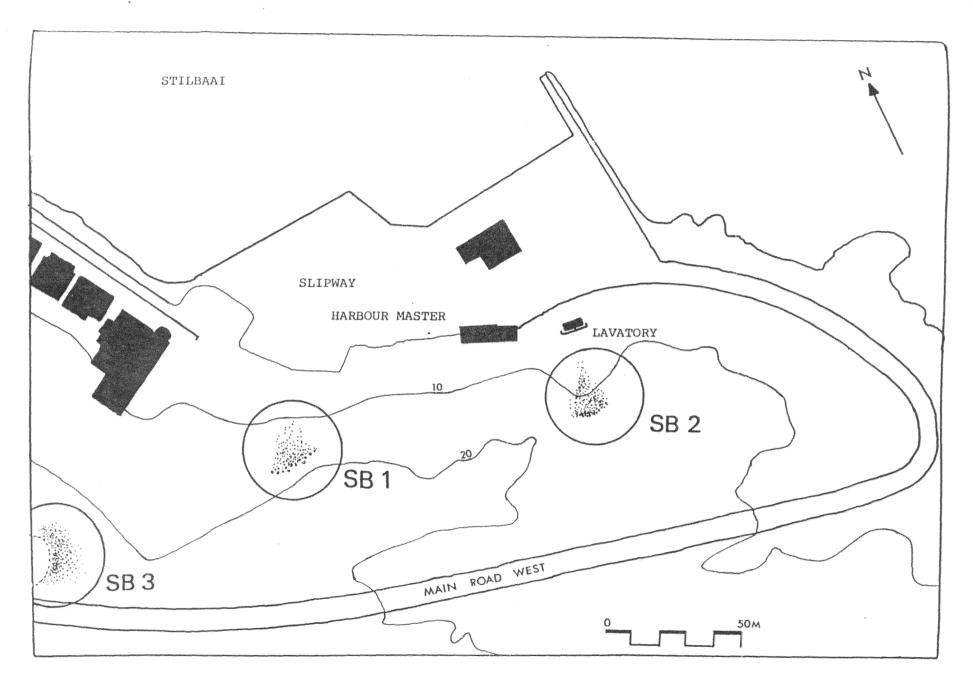
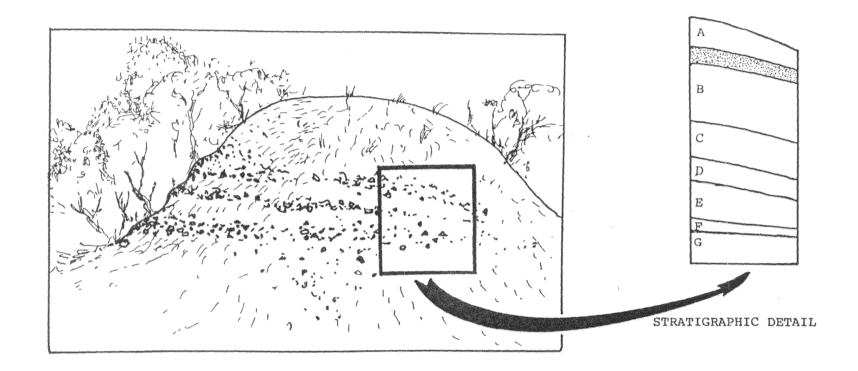


FIGURE 1. Midden locations in development zone



KEY TO STRATIGRAPHIC DETAIL

- A. Mixed Patella sp., Turbo sarmaticus, Oxystele tigrina dominated.
- B. Patella dominated, decreased amounts of Oxystele tigrina and other species.
- C. Dominated by fragmented Oxystele tigrina, decreased Patella.
- D. Patella dominated in a matrix of fragmented Oxystele.
- E. Turbo sp. dominate together with Patella longicosta.
- F. Yellow sand shell dominated by fragmented Oxystele tigrina.
- G. Final Patella and Turbo dominated lense overlying sterile dune.

FIGURE 2.

Detail of

Decar

SB 2.