



**BLUESTONE QUARRY WALLS RESTORATION PROJECT**  
**ROBBEN ISLAND**  
**MAPPING AND CONDITION SURVEY OF WALLS**  
**NOVEMBER 2019**

*(AHSA) Archaeological and Heritage Services Africa (Pty) Ltd*



Reg. No. 2016/281687/07

48 Jacqueline Street, The Reeds, 0157, Centurion, Pretoria

Email: [g.matenga598@gmail.com](mailto:g.matenga598@gmail.com).

Cell: +27 73 981 0637 / +2784 073 7774

Website: [www.archaeologicalheritage.co.za](http://www.archaeologicalheritage.co.za)

## EXECUTIVE SUMMARY

1. Mapping and condition survey of the Bluestone Quarry walls was necessary to provide baseline data on the state of conservation of the site before the proposed rehabilitation of the site.
2. To our knowledge the last condition survey was conducted in May 2004, the map of which is included in this report. There is evidence that the site has undergone change in the last 15 years, significantly the collapse of a long section of the main wall along the seashore.
3. A condition survey provides an assessment of conditions of the physical properties (fabric) of a structure or site. A survey should identify deficiencies, and issues that require maintenance or restoration. To support an informed decision-making process, a condition survey should result in a clear understanding of the current condition of a structure or site.
4. In heritage management condition surveys are undertaken periodically. Normally a visual observation of existing conditions suffices but other detailed, analytical work may be performed, such as the mapping and photo documentation here undertaken to create a permanent record and reference point.
5. A comprehensive Mapping Survey of the entire precinct as it stands at the moment before interventions is vital baseline data to show standing walls and collapsed sections. The mapping survey is combined with a photo documentation of the walls and collapses which clearly illustrates the present condition of the site.
6. This data is a point of reference critical for management of a sensitive site such as the Bluestone Quarry. The mapping and condition survey report and other primary documents such as digital photograph inventory generated during its preparation must be filed as important reference material, mindful that the restoration plan is guided by principle of reversibility expounded in the

Burra Charter. Should it become necessary to return the wall its previous condition, then the mapping and condition survey data will serve as a solid and credible reference point.

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# 1. MAP OF THE BLUESTONE QAURRY WALLS (WITH CONITOUR LINES

## **2. MAP OF THE BLUESTONE QUARRY WALLS WITHOUT CONTOURLINES**

**3. BLUESTONE QUARRY WALLS, ROBBEN ISLAND  
PHOTO CATALOGUE OF WALLS AND COLLAPSED SECTIONS  
NOVEMBER 2019**

### 3.1. NORTHERN SECTION OF MAIN WALL



Wall 1, wide view.



Wall 1a.





Wall 1b, western section of Wall 1.



Wall 2, wide view.



Wall 2a, shows bulge and toppling.



Wall 2b west (right side) of bulge.



Wall 2bcd (b= right side, d= left side).



Wall 2c.



Wall 2d.



Wall 2e (west of Wall 2d).



Wall 2f (west of wall 2e).



Wall 2g (west of Wall 2f).



Wall 3, partially collapsed section (west of Wall 2).



Wall 3, closer view.



Wall 3a, west of collapse.



Wall 3b (west of 3a).



Wall 5, southern end of the Northern Section of the main wall.



Northern section of the main wall, side facing the sea, close view north.



### 3.2. SOUTHERN SECTION OF MAIN WALL



Wall 19.



Wall 19, wide view shows collapses on both sides.



Wall 20.



Southern Section of the main wall.



Southern Section of the main wall, side facing the sea, close view south.



Southern Section of the main wall, side facing the sea, close view south.



Southern section of the main wall, side facing the sea, close view north.

### 3.3. TERRACE AND REVETMENT WALLS



Wall 6, a terrace wall (below) and Wall 2 (above).



Wall 6, terrace wall below (close-up view) and Wall 2 above.



Wall 7, terrace wall, below.



Wall 8, terrace wall (below), wall 3 above.



Wall 8, midsection, close-up view.



Wall 8, western end.



Wall 9 with collapsed ends.





Wall 10, generally collapsed.



Wall 11, partially collapsed.



Wall 12, terrace wall, with collapsed ends.



Wall 13, revetment wall, may be partially buried.



Wall 14, revetment wall.



Wall 15, revetment wall, fairly well preserved.



Walls 16 and 15 (to the left), revetment walls.



Wall 16, revetment wall.



Southern rim of quarry (there are two sections of revetment wall standing).

### 3.4. THE COLLAPSED MID-SECTION OF THE MAIN WALL



Collapsed mid-section of the main wall.



Collapsed mid-section of main wall, view from the north.