

PORT AUTHORITY OF NSW HERITAGE INVENTORY

State Heritage Inventory

| SHI Number: 4560056 | | | | Study Number: N/A | | |
|---|----------------------|---------------------------|---------------------|---|----------------|-------------------------|
| Item Name: Glebe Island [| Dyke Exp | osures | | • | | |
| Location: Solomons Way, | Glebe Isl | and, Rozell | le | | | |
| Address: Solomons Way, Rozelle | | | | DUAP Region: Sydney South | | |
| Suburb / Nearest Town: Rozelle 2039 | | | | Historic Region: Sydney | | |
| Local Govt Area: Inner West | | | | Parish: Petersham | | |
| State: NSW | | | | County: Cumberland | | |
| Other/Former Names: Gre | eat Sydne | ey Dyke | | | | |
| Area/Group/Complex: | | Group ID: | | | | |
| Aboriginal Area: Wangal c | lan | | | | | |
| Curtilage/Boundary: Furth | er resear | rch needed | | | | |
| Item Type: Landscape | | Group: Landscap | | oe - Natural | Category: (| Geological site or area |
| Owner: Multiple Owners | | | | | | |
| Current Use: | | | | | | |
| Former Uses: | | | | | | |
| Assessed Significance: Local | | | | Endorsed Significance: | | |
| Statement of Significance only been sampled in the projects. The exposures a level. | subsurfa | ce part as a | a part o | f geotechnical inve | estigations fo | or engineering |
| Historical Notes or Prover | nance: | | | | | |
| | | al Theme: State | | Theme: | | Local Theme: |
| | | onment Environm | | onment - naturally | evolved | (none) |
| Designer: | | | I | | | |
| Maker / Builder: | | | | | | |
| Year Started: | | Year Completed: | | : | Circa: No | |
| Physical Description: Extra | acted fro | m Register | of the | National Estate da | tabase # 101 | 1882. |
| The Great Sydney Dyke had the only exposure of the osides of Victoria Road. The on the north side of the ro | dyke not e southe | covered by rn exposure | urbani: e has la | sation is at Glebe I Irgely weathered to | sland. Here i | t is visible on both |

The dyke in the railway cutting is 5.1 to 5.95 m wide, is essentially vertical and has a strike of between 115 degrees (True) to 120degrees (True). The dyke appears to be formed by three different stages.



The exposures provide excellent examples of differential weathering that has taken place within the outer bounding surfaces and internal sections of the dyke. The lithological spectrum of weathering varies from silty clay to residual 'corestones' of relatively fresh basalt. Physical Condition: Modification Dates: Recommended Management: Prepare a heritage assessment for the item including input from a suitably qualified geologist, in order to confirm its location, condition and overall significance, as well as any future required management policies. Preparation of a Maintenance and Conservation Works Schedule to ensure acceptable condition and assist in long-term conservation. Management: Statutory Instrument Further Comments: The exact extent and delineation of the formation could not be identified onsite and subsequently; it is recommended that further assessment of the item be undertaken. Criteria a) Criteria b) Criteria c) Criteria d) Criteria e) The Glebe Island Dyke Exposures have technical significance as a demonstration of a significant geological formation, impacting the historical development of Sydney, generally important for future students, professional geologists and engineers to study. Criteria f) The Glebe Island Dyke Exposure of the Great Sydney Dyke, is rare as one of the only areas of the dyke currently accessible to observe above ground surface level. Criteria q) Integrity / Intactness: Exposed in road and cuttings some of which have weathered to a non-descript clay slope. References: Author: Title: Year: 1996 anon Register of the National Estate Database # 101882 M. J. Dale, P. C. Rickwood, and G. W. The Geology and Engineering Geology 1997 Won of the 'Great Sydney Dyke' Sydney NSW Studies: Author: Title: Number: Year: Parcels: Parcel Code: Lot Number: Section: Plan Code: Plan Number: Latitude: Longitude: Date: Listings: Title: Number: Name: Heritage Act - S.170 NSW State agency Glebe Island Dyke 4560056 heritage register Exposures Data Entry: Date First Entered: Date Updated: Status:

21/12/2022

Partial

18/12/2006









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Image By: Zach Nix - NBRS

Image Date: 5/10/2022







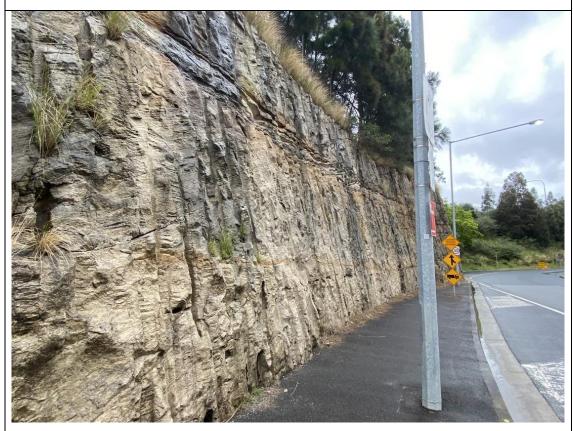
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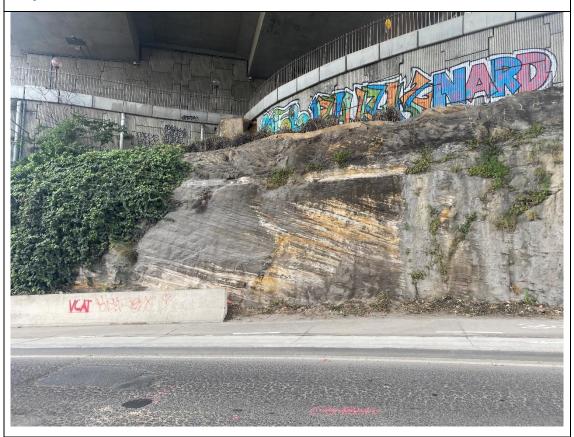
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Caption: Potential area of Dyke Exposure below Anzac Bridge

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