



## REGISTER OF HERITAGE PLACES - ASSESSMENT DOCUMENTATION

### 11. ASSESSMENT OF CULTURAL HERITAGE SIGNIFICANCE

The criteria adopted by the Heritage Council in November 1996 have been used to determine the cultural heritage significance of the place.

#### 11.1 AESTHETIC VALUE\*

*Cooper's Lime Kilns* have aesthetic value due to their intriguing method of vernacular construction and their display of skilled workmanship and design. (Criteria 1.2)

The weathered limestone surfaces of the kilns, which blend well with the native vegetation and limestone outcrops, contributes aesthetic interest to the landscape. (Criterion 1.3)

#### 11.2. HISTORIC VALUE

*Cooper's Lime Kilns* display aspects of the lime burning industry which played an important economic role in the development of the Wanneroo area. (Criterion 2.1)

*Cooper's Lime Kilns* are associated with the residential development of Quinn's Rocks. (Criterion 2.1)

*Cooper's Lime Kilns* have historical significance due to their association with the hardships of the Depression. The establishment of kilns during this period is typical of the diversification necessary to survive during this difficult economic period. The fact that the family was able to provide employment to assisted migrants and the unemployed attests to the success of the business. (Criterion 2.2)

*Cooper's Lime Kilns* are associated with the Cooper family, who were early residents in the Quinn's Rocks area and with Albert Facey, described his experiences as a lime burner at Quinn's Rocks in *A Fortunate Life*. (Criterion 2.3)

#### 11.3. SCIENTIFIC VALUE

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\* For consistency, all references to architectural style are taken from Apperly, Richard; Irving, Robert and Reynolds, Peter *A Pictorial Guide to Identifying Australian Architecture: Styles and Terms from 1788 to the Present*, Angus & Robertson, North Ryde, 1989.

*Cooper's Lime Kilns* has the potential to yield archaeological deposits which relate to the lime burning industry and the activities and lifestyles of people during the Depression. (Criterion 3.2)

*Cooper's Lime Kilns* are significant as the innovative method displayed in the limestone walls is a variation on the standard layout of the pot kiln. (Criterion 3.3)

#### **11. 4. SOCIAL VALUE**

*Cooper's Lime Kilns* has some significance for the early residents of Quinn's Rocks. It is not known if they are highly valued by the present community as the housing estate near the kilns is relatively new and until recently, many people were unaware of the kilns' existence. (Criterion 4.1)

## **12. DEGREE OF SIGNIFICANCE**

### **12. 1. RARITY**

*Cooper's Lime Kilns* are stylistically unusual and the method of extracting the lime from the kiln once it had burned does not appear to be common in the State. Their location close to the coast is also uncommon. (Criterion 5.1)

### **12. 2 REPRESENTATIVENESS**

Although the design of *Cooper's Lime Kilns* is unusual, the method of firing was similar to that used in other lime kilns in the Perth metropolitan area. The kilns are therefore considered to demonstrate the lime burning processes which were in use in Perth during the first half of the twentieth century. (Criterion 6.2)

### **12. 3 CONDITION**

The aggressive environment has led to some deterioration of the fabric. This deterioration is primarily due to the ingress of moisture, the chemical reaction of the limestone with salt and wind abrasion.

Kiln 1 - the upper section and a portion of the eastern side wall has collapsed, leaving an arched opening in the wall. The area above this opening is intact. Some stone courses are missing from the top of the kiln wall and on the eastern side of the front face, a vertical cracks runs from the top of the kiln to the top of the buttress. In the lower section, several stones have collapsed outwards from the internal dividing wall. The mortar in this area is crumbly and is missing in many area, particularly between the bricks at the top of the this wall, which supports the railway tracks.

Kiln 2 - this kiln is in slightly better condition. There are no major structural cracks, although some of the stone courses from the upper section of the structure are missing. In the lower section, the internal western wall shows signs of deterioration on the surface due to weathering.

### **12. 4 INTEGRITY**

*Cooper's Lime Kilns* has a moderate degree of integrity.

### **12. 5 AUTHENTICITY**

As the fabric is largely original, *Cooper's Lime Kilns* has retained a high degree of authenticity.

### **13. SUPPORTING EVIDENCE**

Attached are key sections of the supporting evidence prepared by Palassis Architects, 'Coopers' Lime Kilns, Mindarie Keys, Western Australia: Conservation and Management Plan', prepared for the City of Wanneroo and the Heritage Council of Western Australia, April 1997.

#### **13.1 DOCUMENTARY EVIDENCE**

For a discussion of the documentary evidence refer to Palassis Architects, 'Coopers' Lime Kilns, Mindarie Keys, Western Australia: Conservation and Management Plan', prepared for the City of Wanneroo and the Heritage Council of Western Australia, April 1997.

#### **13.2 PHYSICAL EVIDENCE**

For a discussion of the physical evidence refer to Palassis Architects, 'Coopers' Lime Kilns, Mindarie Keys, Western Australia: Conservation and Management Plan', prepared for the City of Wanneroo and the Heritage Council of Western Australia, April 1997.

#### **13.3 REFERENCES**

Palassis Architects, 'Coopers' Lime Kilns, Mindarie Keys, Western Australia: Conservation and Management Plan', prepared for the City of Wanneroo and the Heritage Council of Western Australia, April 1997.

#### **13.4 FURTHER RESEARCH**