



WESTERN AUSTRALIA

MINISTER FOR THE ENVIRONMENT

Ass #	783
Bull #	677
State #	318

**STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED
(PURSUANT TO THE PROVISIONS OF THE
ENVIRONMENTAL PROTECTION ACT 1986)**

QUARRY, LOT 344 SOUTH WESTERN HIGHWAY, MUNDIJONG (693 / 783)

RANSBERG PTY LTD

This proposal may be implemented subject to the following conditions:

1 Proponent Commitments

The proponent has made a number of environmental management commitments in order to protect the environment.

- 1-1 In implementing the proposal, the proponent shall fulfil the commitments (which are not inconsistent with the conditions or procedures contained in this statement) made in the Consultative Environmental Review and in response to issues raised following public submissions. These commitments are consolidated in Environmental Protection Authority Bulletin 662 as Appendix 1. (A copy of the commitments is attached.)

2 Implementation

Changes to the proposal which are not substantial may be carried out with the approval of the Minister for the Environment.

- 2-1 Subject to these conditions, the manner of detailed implementation of the proposal shall conform in substance with that set out in any designs, specifications, plans or other technical material submitted by the proponent to the Environmental Protection Authority with the proposal. Where, in the course of that detailed implementation, the proponent seeks to change those designs, specifications, plans or other technical material in any way that the Minister for the Environment determines on the advice of the Environmental Protection Authority, is not substantial, those changes may be effected.

3 Protection of Visual Amenity of the Darling Ranges

The visual amenity of the Darling Ranges as viewed from the Swan Coastal Plain requires protection.

- 3-1 The proponent shall ensure that the proposal does not adversely impact upon the visual amenity of the Darling Ranges.
- 3-2 The proponent shall not quarry within the western sector of the southern quarry. (See Procedure 3 and Figure 1 attached).

4 Landscape Protection Plans

Landscape protection plans are required to ensure the protection of the visual amenity and landscape values of the Darling Scarp and Ranges.

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4-1 In consultation with the Department of Planning and Urban Development and the Shire of Serpentine-Jarrahdale, the proponent shall protect the landscapes of the Darling Ranges by the preparation of plans to mitigate the visual impacts from the quarry operations.

4-2 The proponent shall implement the plans required by condition 4-1.

5 Community Consultation

Surrounding residents and businesses need to be kept informed of the quarry operations.

5-1 Prior to the commencement of construction, the proponent shall establish a Community Monitoring Committee to effect formal liaison, monitoring and public advice and reporting processes. This Committee shall comprise representatives of the proponent, the Shire of Serpentine-Jarrahdale, local businesses and residents within 2 km surrounding the quarry, and shall meet as required to disseminate information on the operations of the quarry.

6 Decommissioning

The satisfactory decommissioning of the project is the responsibility of the proponent.

6-1 At least six months prior to decommissioning, the proponent shall prepare a decommissioning plan.

6-2 The proponent shall implement the plan required by condition 6-1.

7 Proponent

These conditions legally apply to the nominated proponent.

7-1 No transfer of ownership, control or management of the project which would give rise to a need for the replacement of the proponent shall take place until the Minister for the Environment has advised the proponent that approval has been given for the nomination of a replacement proponent. Any request for the exercise of that power of the Minister shall be accompanied by a copy of this statement endorsed with an undertaking by the proposed replacement proponent to carry out the project in accordance with the conditions and procedures set out in the statement.

8 Time Limit on Approval

The environmental approval for the proposal is limited.

8-1 If the proponent has not substantially commenced the project within five years of the date of this statement, then the approval to implement the proposal as granted in this statement shall lapse and be void. The Minister for the Environment shall determine any question as to whether the project has been substantially commenced. Any application to extend the period of five years referred to in this condition shall be made before the expiration of that period, to the Minister for the Environment by way of a request for a change in the condition under Section 46 of the Environmental Protection Act. (On expiration of the five year period, further consideration of the proposal can only occur following a new referral to the Environmental Protection Authority.)

9 Compliance Auditing

In order to ensure that environmental conditions and commitments are met, an audit system is required.

9-1 The proponent shall prepare periodic "Progress and Compliance Reports", to help verify the environmental performance of this project, in consultation with the Environmental Protection Authority.

Procedure

- 1 The Environmental Protection Authority is responsible for verifying compliance with the conditions contained in this statement, with the exception of conditions stating that the proponent shall meet the requirements of either the Minister for the Environment or any other government agency.
- 2 If the Environmental Protection Authority, other government agency or proponent is in dispute concerning compliance with the conditions contained in this statement, that dispute will be determined by the Minister for the Environment.
- 3 The proponent may seek an amendment pursuant to Section 46 of the Environmental Protection Act for an expansion of quarrying activities into the western sector following a specific assessment of the visual impacts.

Note:

The proponent will be required to apply for a Works Approval and Licence for this project under the provisions of Part V of the Environmental Protection Act.

Kevin Minson MLA
MINISTER FOR THE ENVIRONMENT

SUMMARY OF COMMITMENTS

The following commitments are made by Ransberg Pty Ltd regarding the establishment, operation, and decommissioning of the proposed hard rock quarry on Lot 344 South Western Highway, Mundijong.

Aesthetics

1. Additional trees will be planted during the first 2-3 years of operations, adjacent to the stockpile and processing area, to supplement the screening function of existing trees (some of which are outside the property boundaries).
2. Quarry operations in the southern sector of the site will commence low in the profile and at the eastern side of the property. Quarrying will proceed in southerly then westerly directions, to enable the eastern benches to be rehabilitated before they become visible from distant view points.
3. Depending upon final end use, all buildings and equipment will be removed at the completion of the project, and all roads will be deep ripped and revegetated.
4. All buildings likely to be visible from outside the area owned by Ransberg Pty Ltd will be constructed and coloured to blend with the existing landscape to the greatest practicable extent.

Noise and Vibration

5. All blasts will be fitted with millisecond delays to produce sequential firing.
6. Monitoring of both ground vibration and air blast overpressure will be conducted at the most sensitive adjacent residence (most likely Whitby Falls Hostel).
7. Blasting will only be conducted during the afternoon on weekdays. Liaison will be maintained with Pioneer Concrete to avoid the unlikely event of simultaneous blasting.

8. Efficient noise suppression devices will be maintained on all equipment and plant used at the site.
9. Selected residences, notably Whitby Falls Hostel, will be provided with a schedule of blasting to inform residents of likely future blasting times. If required by the operators of the Manjedal Scout Camp, the proponent will notify the camp prior to each blasting event.
10. The proponent undertakes, upon request of any landowner within the nominal 2km buffer zone of influence, to independently survey and document the condition of any residence or building before the commencement of quarrying activity at the site. The proponent will also maintain appropriate insurance to ensure that in the unlikely event of damage to a residence or other building being directly attributable to the quarrying activity on Lot 344, the building or residence will be restored to the condition as surveyed before the commencement of quarrying at the site.

Dust Levels

11. The main access road from South Western Highway to Lot 344 will be sealed.
12. All reasonable and practicable measures will be taken to minimise dust emissions from the plant and associated equipment.
13. When possible, blasting will be conducted on days when westerly winds are prevalent to minimise the potential for dust nuisance on dwellings west of the site.
14. Dust generated from the crushing and screening plants will be suppressed using water sprays. Equipment will be enclosed where practicable.
15. Stockpiles and unsealed roads will be sprayed with water when necessary to suppress dust.
16. Where possible, the stripping of overburden and topsoil will be conducted when soil moisture content is relatively high to reduce dust generation.

Water Quality

17. The existing water quality of Manjedal Brook will not be detrimentally affected due to the operation of the proposed quarry. Summer flows of the Brook will not be altered.
18. All water generated on the site will pass through a sediment settling dam or basin. Site run-off water will be stored in the settlement dams for use in dust suppression as far as is practicable. Water surplus to on-site requirements will be discharged to Manjedal Brook.
19. Silt traps will be cleaned at regular intervals to ensure effective operation. Fines will be utilised within the rehabilitation program where possible.
20. Small contour channels will be formed on re-constructed banks to reduce erosion potential and to increase water infiltration potential.
21. A septic tank and leach drain will be installed and maintained on-site with at least 100m horizontal separation to any open water body.
22. Oil and fuel handling areas will have impervious bunds with capacity to contain the volume of fuel stored, plus anticipated rainfall, plus a safety factor.
23. No chemicals or potential liquid contaminants will be disposed of on-site.

Waste Disposal

24. Materials suitable for recycling will be recycled.
25. All other wastes will be taken to an approved waste disposal site on a regular basis.

Flora

26. Clearing will be limited to the minimum necessary for safe and economic operation of the mine.

27. No riparian vegetation will be disturbed within 50 metres of either side of Manjedal Brook.
28. Indigenous plant species will be used during rehabilitation.
29. Where practicable and available, topsoil will be respread as soon as possible to maximise the possibility of native seed germination and growth.
30. Rehabilitation will be carried out progressively during the life of the quarry, subject to operational requirements.
31. Weed species within rehabilitation areas will be controlled.

Fauna

32. The clearing of vegetation will be carried out sequentially to allow mobile fauna to relocate.

Rehabilitation

33. The eastern sector of the resource area south of Manjedal Creek will be mined and rehabilitated or screened before subsequent mining exposes this area to viewsheds from the west.
34. The methodology outlined in Section 6.9 of the CER will be implemented to the satisfaction of the relevant authorities.
35. Rehabilitation will be monitored for success and modified when and if necessary.

Fire Control

36. Firebreaks will be maintained in accordance with the requirements of the Bush Fires Board and CALM.
37. The dust suppression water tanker will have a dual purpose by providing a portable fire-fighting water source.

Fuel Management

- 38. All hydrocarbon storage facilities will be bunded with an impervious material, having a capacity to accommodate the volume of fuel stored plus an allowance for rainfall and an additional safety allowance.
- 39. All drains which collect surface run-off from disturbed areas will be diverted to constructed settling basins or dams.
- 40. Vehicle washdown areas will be equipped with fuel and oil traps to ensure contaminated waters are not discharged to the environment.

Safety

- 41. All relevant Acts and Regulations covering occupational health and safety, and the safety of the general public, will be complied with.
- 42. The quarry area and access entrance will be fenced and the gates locked when the quarry is unattended.

Public Comment

- 43. All formal public comments to the proponent will be recorded. Where a complaint is valid, the proponent will take all practical measures to remedy the source of the complaint.

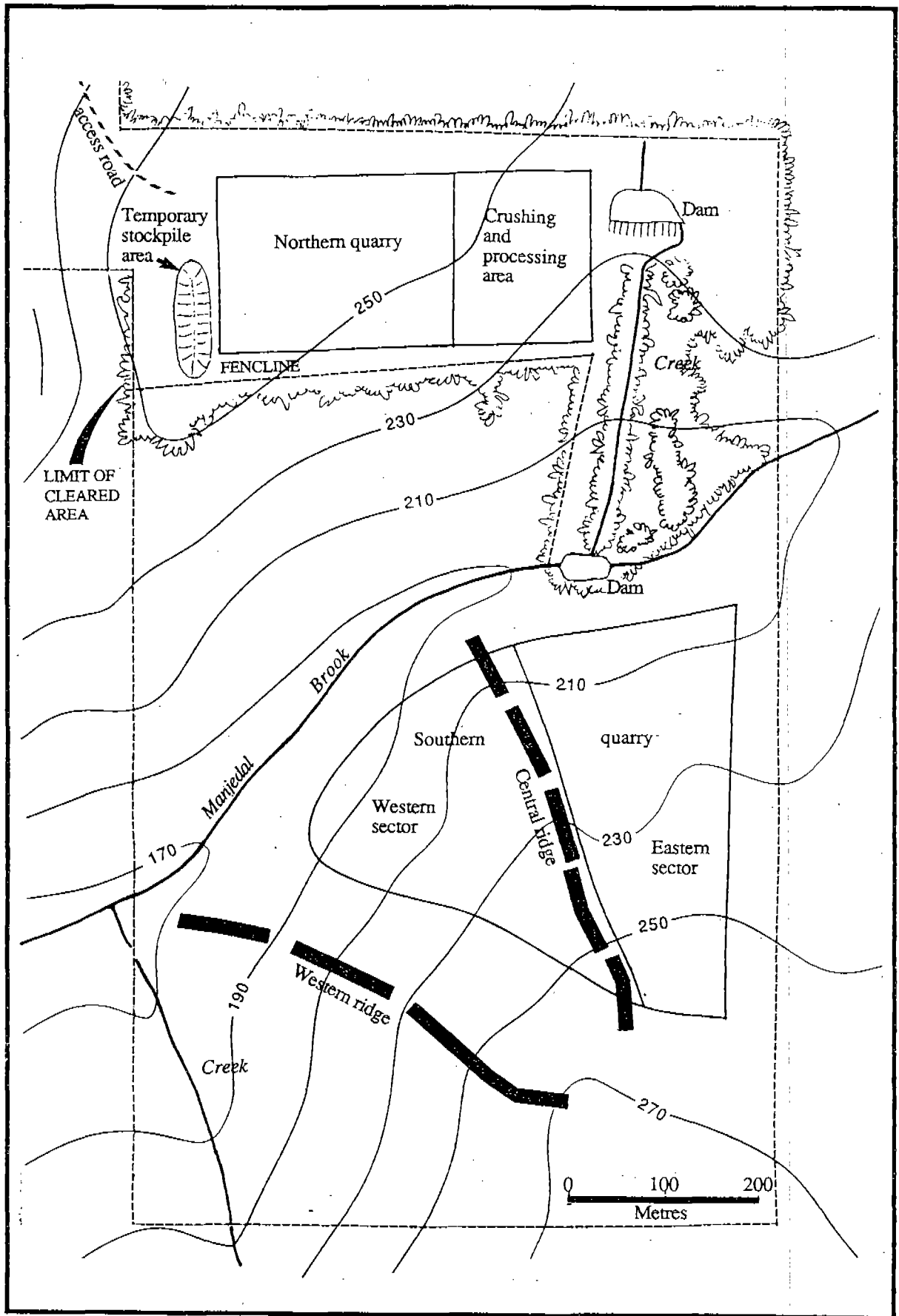


Figure 1: Quarry schematic layout