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WESTERN AUSTRALIA
MINISTER FOR THE ENVIRONMENT

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

MINERAL SANDS MINE, DARDANUP (624)

ISK MINERALS PTY LTD

This proposal may be implemented subject to the following conditions:

1. Proponent Commitments

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. (A copy of the commitments is attached).

2. Implementation

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. Surface water and groundwater

Surface water and groundwater quality and levels require monitoring and management in order to mitigate impacts on neighbouring properties.

3-1 Prior to mining, the proponent shall prepare an Environmental Management Programme to monitor and manage surface water and groundwater in the mining area, to the satisfaction of the Minister for the Environment on advice of the Environmental Protection Authority and the Water Authority of Western Australia. This Programme shall include, but not necessarily be limited to the proponent's commitments for monitoring and reporting and strategies to be implemented in the event of a deterioration of water quality in the monitored areas.

3-2 The proponent shall subsequently implement the Environmental Management Programme required by condition 3-1, to the satisfaction of the Environmental Protection Authority.

4. Noise limits

The noise generated by the mining operations should be kept within environmentally acceptable levels. Noise impacts on nearby residents should be mitigated as the proposed mine site is in a rural area and in close proximity to a number of residences.

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4-1 The proponent shall ensure that the noise emissions from the project do not cause or contribute to noise levels in excess of:

- 50db(A) slow from 7am to 7pm Monday to Saturday inclusive, but excluding gazetted public holidays;
- 40db(A) slow from 10pm to midnight and from midnight to 7am every day; and
- 45db(A) slow at all other times;

when measured:

- (1) at any point on or adjacent to other premises not occupied by the proponent and used for residential or other noise-sensitive purposes; and
- (2) at a height between 1.2 and 1.5 metres above ground level and at a distance greater than 3.5 metres from any reflecting surface other than the ground.

4-2 Where the combined level of the noise emissions from the project and the normal ambient noise exceeds the levels specified in condition 4-1, this condition shall be considered to be contravened only when the following criteria are also met at the measurement point:

- the noise emissions from the premises are considered by the Environmental Protection Authority to be audible and contributing significantly to the measured noise levels; and
- the noise emissions from the premises are identifiable by the Environmental Protection Authority as emanating from the project.

4-3 Noise emissions shall not include tonal or impulsive components or other characteristics which make the noise more annoying than it would be in their absence. These characteristics will be assessed by the Environmental Protection Authority.

4-4 The proponent shall conduct noise surveys to the satisfaction of the Environmental Protection Authority.

5. Rehabilitation

Rehabilitation is an integral part of the project and requires management throughout the life of the proposal. The final land use after mining will be determined between the land owners and the proponent.

5-1 In order to rehabilitate the mine site to an environmentally stable condition, prior to commencing mining, the proponent shall develop a progressive rehabilitation plan in consultation with the owners of land in which mining takes place and the Department of Agriculture, to the satisfaction of the Minister for the Environment on advice of the Environmental Protection Authority.

5-2 The proponent shall implement the plan required by condition 5-1 to the satisfaction of the Environmental Protection Authority.

6. Decommissioning

The proponent is responsible for decommissioning and removal of the plant and installations and rehabilitation of the site and its environs.

6-1 At least six months prior to commencing decommissioning, the proponent shall prepare a decommissioning and final rehabilitation plan to the satisfaction of the Environmental Protection Authority.

6-2 The proponent shall implement the plan required by condition 6-1, to the satisfaction of the Environmental Protection Authority.

7. Proponent

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

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).

Procedure

This project will also be subject to Works Approval and Licence provisions under Part V of the Environmental Protection Act.

Bob Pearce, MLA
MINISTER FOR THE ENVIRONMENT

8 APR 1992

SUMMARY OF ENVIRONMENTAL COMMITMENTS

As described in the previous sections, ISK Minerals is committed to responsible management of the environmental affairs of the Dardanup Mineral Sands Project.

The major environmental commitments by the company are as follows:

- (1) Consult with landowners, the Department of Agriculture and the Water Authority of Western Australia to ensure that operations at Dardanup do not unreasonably affect agricultural enterprises in neighbouring properties, especially in relation to surface and groundwater.
- (2) Continue hydrogeological and technical studies, including regional monitoring of water bores, to facilitate pre-emptive prediction of impacts of mine dewatering on local and regional hydrogeology.
- (3) Dispose of excess water in a manner agreed in consultation with the Water Authority of Western Australia and the Department of Agriculture.
- (4) Ensure that backfilled mine areas have the capacity to transmit water from east to west in a fashion similar to that which currently occurs.
- (5) Rehabilitate land disturbed by mining activities to restore agricultural productivity to levels at least equal to those which currently exist.
- (6) Consult with the Department of Agriculture, the Water Authority of Western Australia and landowners to include native vegetation in rehabilitation strategies, with a view to contributing to the management of the localised and regional hydrogeological problems of high water tables and salinity.
- (7) Construct facilities, stockpiles and the like with consideration to visual impact from both public and private locations in the area and region.
- (8) Minimise clearing and land disturbance, consistent with safe and efficient operations.



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SGD. BY PEARCE, M.L.A.

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