

# ENVIRONMENTAL PROTECTION CRITERIA ASSESSMENT RECORD - CERTAIN MINING AUTHORITIES, ENVIRONMENTAL LICENCES AND ENVIRONMENTAL MANAGEMENT PROGRAMS - GROUP A

This assessment process will be used for the application for or amendments to licences and for the grant or renewal of mining authorities which require a licence or for any environmental management programs (EP Act). Normally, the mining authorities would be mining and petroleum leases. An environmental management program would be dealt with through amendment to an EMOS, a plan of operations or EM Plan. Fill out the appropriate details in the table below.

APPLICATION	TICK-	TENURE NO
Approval of a Mining Authority		HL <sup>+</sup> 50088
Licence Application		
Application to Amend a Licence		
Environmental Management Program		

PROJECT: PSM 50084		FILE NO:
ASSESSING OFFICER:	Position: Principal Regional Environmental Officer	
	Name: Andrew Walter	
ASSESSMENT DATE:	1 March 1996	

## INSTRUCTION

This assessment record is to be used for applications for an EP Act licence to cover a single environmentally relevant activity or a licence to cover multiple environmentally relevant activities and for an approval of a mining authority which requires an EP Act licence. This assessment guide is to be used also in those cases where a mining authority requires an environmental management program.

The following process takes each of the Criteria in turn, indicates issues needing assessment and provides a way of deciding if the proposal meets an acceptable standard.

A "yes" or "no" response will then be marked in the box provided and reasons and associated outcomes will be noted in the space provided for the case where "no" is indicated.

Assessment of the Criteria will be conducted by filling out the following assessment record.

Release

# CERTIFICATE OF ENVIRONMENTAL ASSESSMENT

This certification provides the Department of Minerals and Energy's environmental assessment and forms part of the decision making process towards the grant or refusal of an application for a mining authority or a renewal of a mining authority pursuant to the Mineral Resources Act and the EP Act. The assessment includes a consideration by authorised officers of specific criteria in deciding an application as prescribed by Section 44 of the Environmental Protection Act.

Application for: ML 50088

Applicant: Section 78B(2) RTI Act and Section 78B(2) RTI Act

CPO Box 476

BRISBANE QLD 4001

Application date: 9/5/94

File Reference No: ML 50088

The above application has been assessed with due and diligent consideration of the prescribed requirements of the Mineral Resources Act and relevant criteria pursuant to the Environmental Protection Act.

In accordance with the attached assessment record, I can ~~not~~ recommend the grant of the above application for the mining authority.

Action Officer's Name: Andrew Walter  
Position: Principal Regional Environmental Officer  
Date: 1/3/96

Explanation if required:  
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.....

- \*mining authority means
- (a) a prospecting permit, mining claim, exploration permit, mineral development licence or mining lease granted under the *Mineral Resources Act 1989*; or
  - (b) a prospecting petroleum permit, authority to prospect, pipeline licence or petroleum lease granted under the *Petroleum Act 1923*; or
  - (c) a licence, permit, pipeline licence, primary licence secondary licence or special prospecting authority granted under the *Petroleum (Submerged Lands) Act 1982*.

Release

**Criteria (a)**

The objectives and principles of ecologically sustainable development as set out in the National Strategy for Ecologically Sustainable Development.

**ISSUES**

(i) The proposed activity should contribute to the welfare and well-being of the affected community and future generations in the affected area.

**Assessment**

- The proposed activity will not cause the affected community and future generations to be seriously disadvantaged in terms of irreversible harm to the environment, degraded health and safety, social amenity, income generation, and cultural, heritage and aesthetic values in the short and long term.
- The proposed activity will provide benefits to the community in terms of income generation, employment, community infrastructure or improved social services.
- The proposed activity is likely to provide a net benefit to the community.
- Other site specific matters that are relevant?

Yes	No
✓	-
✓	
✓	
	✓

(ii) The proposed activity should enable the essential ecological processes in the affected area to be maintained and biological diversity to be protected.

**Assessment**

- The proposed activity will not cause unacceptable harm to the pattern of land-form characteristics, vegetation communities or aquatic ecosystems ie. streams, rivers, lakes and marine areas ie. breeding, feeding, nursery areas, wetlands (RAMSAR listed).
- The applicant has identified adequately and safe-guarded the biological diversity of the affected area. Any plant or animal species particularly vulnerable to or threatened by the potential effects of the proposed activity will be protected.
- Serious or irreversible harm to recognised rare or endangered species or their habitats will not occur.
- Other site specific matters that are relevant?

Yes	No
✓	
✓	
✓	
	✓

(iii) Measures proposed to control any potentially serious or irreversible environmental harm should be technically appropriate and practically and financially achievable.

**Assessment**

- The measures proposed to control environmental harm conform to best practice technology and/or are proven to work effectively in the circumstances of the proposed activity.
- The applicant has adopted an approach that minimises waste generation.
- The applicant has undertaken an assessment of risk of unacceptable environmental harm consistent with the Precautionary Principle\* in determining the most appropriate controls on potential environmental harm.
- The applicant has the technical and financial capability to establish and maintain the facilities to control potential environmental harm to acceptable levels.
- Other site specific matters that are relevant? *Security deposit will be obtained from proponent.*

Yes	No
✓	
✓	
✓	
✓	
✓	

\* where there are threats of serious or irreversible damage, lack of scientific certainty should not be used as a reason for postponing measures to prevent environmental degradation.

## Conclusion

The application for or amendment to an environmental licence or a mining authority associated with the licence or an Environmental Management Program conform to the objectives and principles of Ecologically Sustainable Development.

If no state reasons below

YES	NO
✓	

Outcome and Reason:

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## Criteria (b)

*Any applicable Environmental Protection Policy (EPP)*

### Assessment

- The proposal complies with any relevant environmental protection policy.

Note: Refer to the Environmental Protection (Interim) Regulation 1995 for details of the transitional assessment criteria for air, water and the standard criteria for noise. Transition assessment criteria will be replaced by respective Environmental Protection Policies in due course.

- An Environmental Management Program has been lodged if the proposals do not comply with the relevant EPP(s).
- Other site-specific matters that are relevant?

Yes	No
✓	
✓	
	✓

## Conclusion

The application for or amendment to a licence or a mining authority associated with the licence or for an EMP complies with any environmental protection policies or transition provisions that apply in controlling potential environmental harm.

If no state reasons below

YES	NO
✓	

Outcome and Reason:

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Release

**Criteria (c)**

**Any applicable Commonwealth, State or local government plan, standards, agreements or requirements.**

**Assessment**

- The proposal has identified and taken into account any Commonwealth, State or local government plans, standards, agreements or requirements that apply (Refer to the DEH list of Queensland's environmental legislation and Australia's international environmental agreements, eg RAMSAR, SEPPS etc).
- There are no local government restrictions on the proposed activity eg. water supply or recreation reserves.
- Other site specific matters that are relevant?

Yes	No
✓	
✓	
	✓

**Conclusion**

The proposed environmentally relevant activity is consistent (ie. not in conflict) with any applicable Commonwealth, State or local government plans, standards, agreements or requirement.

If no state reasons below

YES	NO
✓	

**Outcome and Reason:**

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**Criteria (d)**

**Any applicable environmental impact study, assessment or report.**

**Assessment**

- The information supporting the application or EMP is acceptable for protecting the environment and rehabilitating environmental harm
- If an Environmental Impact Statement or EM Plan has been required concerning the proposed activity, any assessment reports have been taken into account.
- Any relevant reports from Advisory Bodies or the community have been taken into account.
- Other site specific matters that are relevant?

Yes	No
✓	
✓	
✓	
	✓

Release

### Conclusion

Available information and reports concerning environmental impact assessment and control directly applicable to the application or EMP has been considered in the assessment of the application or EMP.

If no state reasons below

YES	NO
✓	

### Outcome and Reason:

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### Criteria (e)

*The character, resilience and values of the receiving environment.*

#### Assessment

- The area of the proposed activity does not impact on the conservation estate (refer to DME list of "Environmentally Sensitive Areas").
- The area of the proposed activity is degraded or the activity will not add significantly to the vulnerability of the area to natural hazards such as flooding, erosion, land instability, bushfire or existing contamination.
- The proponent has obtained and taken into account adequate information concerning possible values from appropriate Local, State, or Commonwealth Government agencies.
- Current knowledge indicates the proposed environmental harm from the activity would not cause irreversible damage to the environment.
- Other site specific matters that are relevant?

Yes	No
✓	
✓	
✓	
✓	
	✓

### Conclusion

The application for the proposed activities or EMP adequately take into account the character, resilience and values of the receiving environment.

If no state reasons below

YES	NO
✓	

### Outcome and Reason

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Release

**Criteria (f)**

*All submissions made by the applicant and interested parties.*

**Assessment**

- All submissions received from the applicant for a licence or tenure or an EMP have been considered.
- All submissions made to DME and the Minister concerning the application or an EMP have been considered.
- Relevant reports from Advisory Bodies concerning the application or an EMP have been considered.
- Other site specific matters that are relevant?

Yes	No
✓	
✓	
✓	
	✓

**Conclusion**

All submissions made by the applicant and interested parties have been considered and taken into account in the assessment of the application for a licence, or mining authority or EMP.

If no state reasons below

YES	NO
✓	

**Outcome and Reason:**

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**Criteria (g)**

The best practice environmental management for the activity under the authority.

**Assessment**

- The proposal provides evidence of acceptable strategic planning and design, waste minimisation, administrative systems (including staff training, monitoring and review systems) and public consultation, eg. EIS, EMOS.
- The proposed activity, tenure or EMP is to be managed to achieve an ongoing minimisation of environmental harm through cost-effective measures assessed against the measures currently used nationally or internationally for the activity.
- Impact control proposals are based on proven technology or are consistent with current and accepted local practice.
- The applicant has utilised appropriate technical information related to the activity.
- Other site specific matters that are relevant?

Yes	No
✓	
✓	
✓	
✓	
	✓

Release



## Conclusion

The proposals about an environmentally relevant activity or tenure or EMP conform to the best practice environmental management.

If no state reasons below

YES	NO
✓	

Outcome and Reason:

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## Criteria (h)

The financial implications of the requirements of the mining authority, licence or program, as they relate to the type of activity or industry carried on under the mining authority, licence or program.

### Assessment

- The financial viability of the project is not jeopardised by requiring controls on the level of environmental harm caused by the activity.
- The potential affects on national and international competitiveness of the industry by the imposition of requirements for protecting the environment are reasonable.
- There is a need for more stringent or costly controls on the development due to the sensitivity of the receiving environment and risk of environmental harm.
- Other site specific matters that are relevant?

Yes	No
✓	
✓	
	✓
	✓

## Conclusion

The financial cost of controls on potential environmental harm achieve an acceptable level of environmental protection without jeopardising the commercial viability of the project or competitiveness of the industry.

If no state reasons below

YES	NO
✓	

Outcome and Reason:

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Release



**Criteria (i)**

**The public interest.**

**Assessment**

- Issues of public concern, if any, concerning the application or EMP have been considered adequately (refer to any Wardens report, any submissions or letters to the Minister or DME, or press or media articles to gauge public interest).
- The proposed activity enhances the socio-economic environment eg create business opportunity, community infrastructure and employment.
- Given the proposed environmental benefits and dis-benefits of the proposed activity, there is a potential net benefit to the community from the proposal.
- Other site specific matters that are relevant?

Yes	No
✓	
✓	
✓	
	✓

**Conclusion**

The proposed activity is in the public interest and is likely to provide a net public benefit.

If no state reasons below

YES	NO
✓	

**Outcome and Reason:**

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**Criteria (j)**

**Any other matter prescribed by Regulation.**

- (a) The regulation (EP Act) states that for the definition of standard criteria the submission about an Integrated Environmental Management System (IEMS) is a prescribed matter. Therefore any IEMS in respect of an application for a single environmental authority to cover multiple environmentally relevant activities must be considered.
- (b) The Regulation also has provisions for the control of ozone depleting substances and fuel additives.

**Assessment**

- The documentation supporting a single application satisfies the requirements of an IEMS as outlined in Section 42(2) of the EP Regulation and is consistent with any relevant guidelines.
- The application adequately provides for the control of ozone depleting substances as per the Regulation ie. controls are in place for installation and maintenance of any refrigeration and air conditioning units and halon flooding or fire extinguisher systems.

Yes	No
NA	
NA	

Yes	No
NA	

- The application adequately provides for control of the use of leaded fuel and fuel additives.
- Other site specific matters that are relevant?

**Conclusion**

(a) The proposed Integrated Environmental Management System in respect of the application has been assessed and found acceptable.

If no state reasons below

YES	NO

**Outcome and Reason:**

NA No application for an Environmental Licence as no ERA Level 1 activities on the lease area. A comprehensive EMP has been prepared and accepted.

(b) Has the application provided for control on the use of ozone depleting substances and leaded fuel or fuel additives.

If no state reasons below

YES	NO

**Outcome and Reason:**

NA as above

**Criteria (k)**

**Additional information given in relation to the application.**

**Assessment**

- Additional information submitted by the applicant, following lodgement of a licence application, or a mining authority application or an EMP has been considered.
- Information received from external government or non government parties or from within DME up to the time of recommendation has been considered.

Yes	No
✓	
✓	

RTI DL RELEASE - DIRM

Release

**Conclusion**

DME has considered all available information given to it in relation to the application or EMP.

If no state reasons below

YES	NO
✓	

**Outcome and Reason:**

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**Criteria (I)**

*Any report about the applicant's suitability.*

**Assessment**

- DME Folio Data-base indicates the applicant is suitable.
- Reports and recommendations from the mining warden in relation to the applicant for a mining lease indicate the applicant is suitable.
- Other site specific matters that are relevant?

Yes	No
✓	
✓	
	✓

**Conclusion**

DME has considered any available information in relation to the suitability of the applicant to hold or continue to hold an environmental authority and found the applicant suitable.

If no state reasons below

YES	NO
✓	

**Outcome and Reason:**

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PTI DME RELEASE - DNRM

Criteria (m)

Views expressed at a conference held in relation to the application.

Assessment

- Records of views expressed at a conference convened by DME concerning the application have been considered.

Yes	No
NA	

Conclusion

DME has considered any views expressed at a conference convened by DME between the applicant and relevant interested parties in respect of an application for a licence or a mining authority or an EMP.

If no state reasons below

YES	NO

Outcome and Reason:

NA No conference

The project has been comprehensively considered in the Land & Environment Court.

3.0 RECOMMENDATION (for issue of a licence, approval of a mining authority associated with the licence or an approval of an environmental management program)

It is recommended that grant of be so on proceed.

sch4p4(6) Personal information

1/3/96

APPROVED	<input checked="" type="checkbox"/>
NOT APPROVED	<input type="checkbox"/>

# ENVIRONMENTAL PROTECTION CRITERIA

## Assessment record - certain mining authorities, environmental licences and environmental management programs - GROUP A

This assessment process will be used for the application for or amendments to licences and for the grant or renewal of mining authorities which require a licence or for any environmental management programs (EP Act). Normally, the mining authorities would be mining and petroleum leases. An environmental management program would be dealt with through amendment to an EMOS, a plan of operations or EM Plan. Fill out the appropriate details in the table below.

APPLICATION	TICK	TENURE NO
Approval of a Mining Authority	<input checked="" type="checkbox"/>	MLA 50140
Licence Application	<input type="checkbox"/>	
Application to Amend a Licence	<input type="checkbox"/>	
Environmental Management Program	<input type="checkbox"/>	

PROJECT: PJ 50084		FILE NO: MLA 50140
APPROVING OFFICER:	Position: Regional Environmental Manager	
	Name: Andrew Walter	
ASSESSING OFFICER:	Position: Regional Environmental Officer	
	Name: David Genn	
ASSESSMENT DATE:	14 May 1999	

### INSTRUCTION

This assessment record is to be used for applications for an EP Act licence to cover a single environmentally relevant activity or a licence to cover multiple environmentally relevant activities and for an approval of a mining authority which requires an EP Act licence. This assessment guide is to be used also in those cases where a mining authority requires an environmental management program.

The following process takes each of the Criteria in turn, indicates issues needing assessment and provides a way of deciding if the proposal meets an acceptable standard.

A "yes" or "no" response will then be marked in the box provided and reasons and associated outcomes will be noted in the space provided for the case where "no" is indicated.

Assessment of the Criteria will be conducted by filling out the following assessment record.

Release

## Criteria (a)

The objectives and principles of ecologically sustainable development as set out in the National Strategy for Ecologically Sustainable Development.

**ISSUE** The proposed activity should contribute to the welfare and well-being of the affected community and future generations in the affected area.

### Assessment

The proposed activity will not cause the affected community and future generations to be seriously disadvantaged in terms of irreversible harm to the environment, degraded health and safety, social amenity, income generation, and cultural, heritage and aesthetic values in the short and long term.

The proposed activity will provide benefits to the community in terms of income generation, employment, community infrastructure or improved social services.

The proposed activity is likely to provide a net benefit to the community.

Other site specific matters that are relevant?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

**ISSUE** The proposed activity should enable the essential ecological processes in the affected area to be maintained and biological diversity to be protected.

### Assessment

The proposed activity will not cause unacceptable harm to the pattern of land form characteristics, vegetation communities or aquatic ecosystems ie. streams, rivers, lakes and marine areas ie. breeding, feeding, nursery areas, wetlands (RAMSAR listed).

The applicant has identified adequately and safe-guarded the biological diversity of the affected area. Any plant or animal species particularly vulnerable to or threatened by the potential effects of the proposed activity will be protected.

Serious or irreversible harm to recognised rare or endangered species or their habitats will not occur.

Other site specific matters that are relevant?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

**ISSUE** Measures proposed to control any potentially serious or irreversible environmental harm should be technically appropriate and practically and financially achievable.

### Assessment

The measures proposed to control environmental harm conform to best practice technology and/or are proven to work effectively in the circumstances of the proposed activity.

The applicant has adopted an approach that minimises waste generation.

The applicant has undertaken an assessment of risk of unacceptable environmental harm consistent with the Precautionary Principle\* in determining the most appropriate controls on potential environmental harm.

The applicant has the technical and financial capability to establish and maintain the facilities to control potential environmental harm to acceptable levels.

Other site specific matters that are relevant?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

\* where there are threats of serious or irreversible damage, lack of scientific certainty should not be used as a reason for postponing measures to prevent environmental degradation.

### CONCLUSION

The application for or amendment to an environmental licence or a mining authority associated with the licence or an Environmental Management Program conform to the objectives and principles of Ecologically Sustainable Development - if no state reasons below

YES	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Reason/Outcome:

Release

**Criteria (b)****ISSUE** Any applicable Environmental Protection Policy (EPP)**Assessment**

The proposal complies with any relevant environmental protection policy.

An Environmental Management Program has been lodged if the proposals do not comply with the relevant EPP(s).

Other site-specific matters that are relevant?

Yes	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONCLUSION****Yes** **NO**

The application for or amendment to a licence or a mining authority associated with the licence or for an EMP complies with any environmental protection policies or transition provisions that apply in controlling potential environmental harm.

 *Reason/Outcome:***Criteria (c)****ISSUE** Any applicable Commonwealth, State or local government plan, standards, agreements or requirements.**Assessment**

The proposal has identified and taken into account any Commonwealth, State or local government plans, standards, agreements or requirements that apply (Refer to the DEH list of Queensland's environmental legislation and Australia's international environmental agreements, eg RAMSAR, SEPPS etc).

There are no local government restrictions on the proposed activity eg. water supply or recreation reserves.

Other site-specific matters that are relevant?

Yes	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONCLUSION****Yes** **NO**

The proposed environmentally relevant activity is consistent (ie. not in conflict) with any applicable Commonwealth, State or local government plans, standards, agreements or requirement.

 *Reason/Outcome:*

Release



## Criteria (d)

**ISSUE** Any applicable environmental impact study, assessment or report.

### Assessment

The information supporting the application or EMP is acceptable for protecting the environment and rehabilitating environmental harm

If an Environmental Impact Statement or EM Plan has been required concerning the proposed activity, any assessment reports have been taken into account.

Any relevant reports from Advisory Bodies or the community have been taken into account

Other site specific matters that are relevant?

Yes	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

### Conclusion

Available information and reports concerning environmental impact assessment and control directly applicable to the application or EMP has been considered in the assessment of the application or EMP.

Yes	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Reason/Outcome:

## Criteria (e)

**ISSUE** The character, resilience and values of the receiving environment.

### Assessment

The area of the proposed activity does not impact on the conservation estate (refer to DME list of "Environmentally Sensitive Areas").

The area of the proposed activity is degraded or the activity will not add significantly to the vulnerability of the area to natural hazards such as flooding, erosion, land instability, bushfire or existing contamination.

The proponent has obtained and taken into account adequate information concerning possible values from appropriate Local, State, or Commonwealth Government agencies.

Current knowledge indicates the proposed environmental harm from the activity would not cause irreversible damage to the environment.

Other site-specific matters that are relevant?

Yes	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

### CONCLUSION

The application for the proposed activities or EMP adequately take into account the character, resilience and values of the receiving environment.

Yes	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Reason/Outcome:

Release

## Criteria (f)

**ISSUE** All submissions made by the applicant and interested parties.

### Assessment

All submissions received from the applicant for a licence or tenure or an EMP have been considered.

Yes	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

All submissions made to DME and the Minister concerning the application or an EMP have been considered.

Relevant reports from Advisory Bodies concerning the application or an EMP have been considered.

Other site-specific matters that are relevant?

### Conclusion

All submissions made by the applicant and interested parties have been considered and taken into account in the assessment of the application for a licence, or mining authority or EMP.

Yes	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>

*Reason/Outcome:*

## Criteria (g)

**ISSUE:** The best practice environmental management for the activity under the authority.

### Assessment

The proposal provides evidence of acceptable strategic planning and design, waste minimisation, administrative systems (including staff training, monitoring and review systems) and public consultation, eg. EIS, EMOS.

The proposed activity, tenure or EMP is to be managed to achieve an ongoing minimisation of environmental harm through cost-effective measures assessed against the measures currently used nationally or internationally for the activity.

Impact control proposals are based on proven technology or are consistent with current and accepted local practice.

The applicant has utilised appropriate technical information related to the activity.

Other site specific matters that are relevant?

Yes	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

### CONCLUSION

The proposals about an environmentally relevant activity or tenure or EMP conform to the best practice environmental management.

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

*Reason/Outcome:*

Release

**Criteria (h)**

**ISSUE:** The financial implications of the requirements of the mining authority, licence or program, as they relate to the type of activity or industry carried on under the mining authority, licence or program.

**Assessment**

The financial viability of the project is not jeopardised by requiring controls on the level of environmental harm caused by the activity.

The potential affects on national and international competitiveness of the industry by the imposition of requirements for protecting the environment are reasonable.

There is a need for more stringent or costly controls on the development due to the sensitivity of the receiving environment and risk of environmental harm.

Other site specific matters that are relevant?

Yes	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONCLUSION**

The financial cost of controls on potential environmental harm achieve an acceptable level of environmental protection without jeopardising the commercial viability of the project or competitiveness of the industry.

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

*Reason/Outcome:*

**Criteria (I)**

**ISSUE** The public interest.

**Assessment**

Issues of public concern, if any, concerning the application or EMP have been considered adequately (refer to any Wardens report, any submissions or letters to the Minister or DME, or press or media articles to gauge public interest).

The proposed activity enhances the socio-economic environment eg create business opportunity, community infrastructure and employment.

Given the proposed environmental benefits and dis-benefits of the proposed activity, there is a potential net benefit to the community from the proposal.

Other site specific matters that are relevant?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONCLUSION**

The proposed activity is in the public interest and is likely to provide a net public benefit.

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

*Reason/Outcome:*

Release



**Criteria (l)**

**ISSUE** Any report about the applicant's suitability .

**Assessment**

DME Folio Data-base indicates the applicant is suitable.

Reports and recommendations from the mining warden in relation to the applicant for a mining lease indicate the applicant is suitable

Other site specific matters that are relevant?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONCLUSION**

The proposed activity is in the public interest and is likely to provide a net public benefit.

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

*Reason/Outcome:*

**Criteria (m)**

**ISSUE** Views expressed at a conference held in relation to the application.

**Assessment**

Records of views expressed at a conference convened by DME concerning the application have been considered.

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

**CONCLUSION**

DME has considered any available information in relation to the suitability of the applicant to hold or continue to hold an environmental authority and found the applicant suitable.

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

*Reason/Outcome:*

**3.0 Recommendation (for issue of a licence, approval of a mining authority associated with the licence or an approval of an environmental management program)**

**APPROVED**

**NOT APPROVED**

Release

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# CERTIFICATE OF ENVIRONMENTAL ASSESSMENT

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This certification provides the Department of Minerals and Energy's environmental assessment and forms part of the decision making process towards the grant or refusal of an application for a mining authority or a renewal of a mining authority pursuant to the Mineral Resources Act and the EP Act. The assessment includes a consideration by authorised officers of specific criteria in deciding an application as prescribed by Section 44 of the Environmental Protection Act.

Approval of a Mining Authority: **MLA 50140**

Applicant: **Pacific Silica Pty Ltd**  
(ACN 080 287 814)  
(Beachmere Project)

Application date: **21 May 1997 (Final EMOS 14 May 1999)**

File Reference No: **PJ 50084**

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**The above application has been assessed with due and diligent consideration of the prescribed requirements of the Mineral Resources Act and relevant criteria pursuant to the Environmental Protection Act.**

**In accordance with the attached assessment record, I can / ~~can not~~ recommend the grant of the above application for the mining authority.**

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Signed:

sch4p4( 6) Personal information

Action Officer's Name **Andrew Walter**

Position: **Regional Environmental Manager**

Date: **16 / 5 / 99**

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Explanation if required:

\*mining authority means

- (a) a prospecting permit, mining claim, exploration permit, mineral development licence or mining lease granted under the *Mineral Resources Act 1989*; or
- (b) a prospecting petroleum permit, authority to prospect, pipeline licence or petroleum lease granted under the *Petroleum Act 1923*; or
- (c) a licence, permit, pipeline licence, primary licence secondary licence or special prospecting authority granted under the *Petroleum (Submerged Lands) Act 1982*.