

BHP Billiton Diamonds Inc.



BHP Billiton Diamonds Inc.  
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VIA: Hand delivered

Our File: 4.6.8.2.1

January 15, 2003

Mackenzie Valley Land  
& Water Board

Ms. Melody McLeod  
Mackenzie Valley Land and Water Board  
P.O. Box 2130  
Yellowknife, NT X1A 2P6

File

JAN 15 2003

Application # MV2001L2-0008

Copied To PLM/LH/Reg

Dear Ms. McLeod:

Re: Water Licence MV2001L2-0008 (Type "A"), Submittal of Acid/Alkaline Rock Drainage (ARD) and Geochemical Characterization Plans for the Sable, Pigeon, and Beartooth Pipes.

BHP Billiton Diamonds Inc. is pleased to submit, herewith, one hard and one CD copy and the above referenced plans for your review. These plans are a requirement of Part G (2) of Water Licence MV2001L2-0008. Also, we attach a conformity table that directs the reviewer to the appropriate sections within the plans that satisfy the specific requirements as outlined in the appropriate section of the water licence.

We look forward to your timely review and approval of these plans.

Yours truly,

For

Ian Goodwin  
Mine Manager

attach: Conformity Table

encl: Acid/Alkaline Rock Drainage (ARD) and Geochemical Characterization Plans for Sable, Pigeon, and Beartooth Pipes, dated January 2003 (one hard copy and CD copy).

cc: Darnell McCurdy, DIAND (one CD copy)  
Independent Environmental Monitoring Agency (one CD copy)

### Conformity Table

Condition in License MV2001L2-0008		AGCP Section
Section	Text	
G.2.a).(i)	Characterization of the rock types, geology and mineralogy of the rock units for each mine component including each pit or pipe or mine workings, the quantity of rock, waste or sludge, or the surface area exposure in pit walls	2.0
G.2.a).(ii)	Representative sampling and testing of each rock unit	3.0
G.2.a).(iii)	Assessment of potential for acidic or alkaline drainage and for metal leaching from ore (stockpiles), waste rock and pit wall rock both during operation and after closure	4.0
G.2.a).(iv)	Description of predicted loadings and/or impact on receiving water chemistry from each source, incorporating the results of seepage surveys where available	7.0
G.2.a).(v)	Geochemical characterization of material to be used for reclamation and construction	3.0, 4.0
G.2.a).(vi)	Conceptual Management Plans and the results of testing necessary to evaluate or demonstrate these management plans	5.0, 6.0
G.2.a).(vii)	An explanation that the geochemical sampling undertaken is representative of the rock to be excavated	3.1.1