Outgoing
FILE
M370006
M370012
M370026 NO TASK
& M370046

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Tom Munson - Re: radiation surveys

From: Tom Munson
To: cwoodward@denisonmines.com
Date: 2/2/2010 1:25 PM
Subject: Re: radiation surveys

Here is some more reasoning behind these surveys.

The rules require that all deleterious or potentially deleterious materials be safely removed from the site or left in an isolated or neutralized condition such that adverse environmental effects are eliminated or controlled. Without some kind of baseline information, we don't know whether an operator has exposed materials that might cause environmental or public safety problems or if the materials were there before any mining or exploration.

We are looking for a gamma radiation survey which should be done with an unshielded Ludlum micro R or similar meter at about three feet above the ground. For exploration, the areas to be surveyed should be where the drilling is going to occur.

We would expect cuttings, especially those with radiation levels above background, would be buried at least three feet deep. With this, radiation levels after exploration should not be greater than background. If the radiation levels following reclamation end up being above background, we would have to evaluate whether it falls within the definition of deleterious materials. We have been working to come up with a definition of deleterious materials as they relate to radioactive materials but don't yet have it.

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>>> Tom Munson 2/2/2010 9:47 AM >>>
The Division is now requiring radiation surveys of undisturbed drill sites,etc. prior to disturbance to determine background radiation. Thanks for your cooperation in this regards. Tom

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SENT BY EMAIL (TIM)
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