

Site Visit Report

on the

Mackenzie Valley Environmental Impact Review Board's visit to the Pine Point Pilot Project Site

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On the morning of Wednesday, May 23rd, 2007, the Mackenzie Valley Environmental Impact Review Board (Review Board) participated in a site visit of areas that Tamerlane Ventures Inc. proposes to develop as part of its Pine Point Pilot Project (PPPP).

For the site visit, Tamerlane Ventures was represented by its Senior Project Manager, David Swisher, as well by its consultants Rick Hoos (EBA Engineering Consultant Ltd.) and Keith Meyers and Katherine Lewis (Layne Christensen Company).

After a brief orientation meeting with the developer's representatives, the Review Board and staff traveled to the first stop, which was the site originally proposed by Tamerlane as the location of its rail loading facility (Photo 1). At the site, David Swisher explained to the group that this site was no longer the preferred site given concerns that included, among other things, lease tenures and potential road safety issues.



The group then drove to the junction of Highway #2 (Hay River Highway) and Highway #5 (Fort Smith Highway). David Swisher stated that this area had been recently proposed as the preferred site for the railway loading facility. The actual site was indicated as being in a treed area on the west side of Highway #2 directly adjacent to the junction. It was noted that this site would provide more assurance in terms of land tenure, would likely be safer, and would make transferring of ore concentrate easier¹.

Photo 1 - David Swisher discusses the rationale behind moving the proposed location of the loading facility

¹ For more information on this proposed transfer facility, which has changed from that proposed in the *Developer's Assessment Report*, see Tamerlane's response to IR0607-002-06 in the document "*First Round Information Responses from Tamerlane Ventures*", dated May 29, 2007, available on the MVEIRB website public registry.

The group then traveled along Highway #5 to the R-190 site where the main mining facilities for the PPPP are proposed to be developed. At this time, the Review Board was joined by some participants from the Deninu Kue First Nation. The first stop at the R-190 site was the area where the mineshaft is proposed to be sunk. With the use of maps, the Tamerlane representatives indicated to the participants the various locations where mine infrastructure is intended to be developed (Photo 2).



Photo 2 - Rick Hoos speaks to Review Board members in front of the R190 test well

Keith Meyers of Layne Christensen Company described the way that the proposed freezeway curtain would be installed and operated (Photo 3). It was noted that a refrigeration plant controlling the process would be established just adjacent to the mineshaft.



Photo 3 - Keith Meyers discusses the proposed freezeway curtain

The final stop of the site visit was the proposed infiltration basin. David Swisher and Rick Hoos described the method by which Tamerlane intends to discharge process mine water (Photo 4). It also was noted in the presentation that Tamerlane intends to increase permeability of the infiltration basin through the installation of vertical drainage pipes, as well as through deep tillage to break up any clay pans present. Contingency plans, such as the construction of berms, were also discussed.

The site tour ended at approximately 12:30 pm.



Photo 4 - Participants stand at the proposed infiltration basin listening to Tamerlane representatives