



## Public Hearing Presentation Summary

### Overview

Tamerlane Ventures Inc. is a publicly traded Canadian mining company engaged in the exploration and development of mineral properties in Canada and Peru.

- Tamerlane proposes to construct and operate a zinc and lead mine in the Northwest Territories, 42 kilometers east of Hay River.
- The project is referred to as the Pine Point Pilot Project (PPPP).
- Tamerlane's property contains a total of 66 known deposits and was previously host to over twenty (20) years of mining by Cominco.
- The project will be constructed on a brown fields site with infrastructure including: a freeze perimeter, main shaft, vertical conveyor, ventilation raise, Dense Media Separation and convention flotation without the use of cyanide components.

Construction and mining of the PPPP are estimated to take a total of 24-30 months. The estimated schedule allows 12-15 months for initial construction and an additional 12-15 months for operation.

### Underground Mining

Tamerlane will extract one (1) million tonnes of zinc-lead ore from the R-190 deposit utilizing a combination of basic and technical mining methods. Mining will be undertaken with sublevel stoping methods with internal ramp and drift access. Access will be via a 185 metre vertical shaft complete with a "men and material cage" and a vertical conveyor for continuous hoisting of ore. A ventilation raise will be installed at the opposite end of the deposit to allow flow-through ventilation during mining activities. Primary emergency escape will be through the main shaft while secondary emergency escape will be through the ventilation raise.

Mined materials will be crushed underground and loaded onto the vertical conveyor. The vertical conveyor will hoist the material to a surface stockpile. The material will be conveyed from the surface stockpile to a secondary crusher. The crushed material will travel through the Dense Media Separation circuit where approximately 42% of the waste material will be stockpiled and returned underground while the remaining 58% of ore material will be transferred to further coarse grinding. All ground material will report to the flotation circuit where additional waste will be generated and diverted for underground backfilling use. The remaining ore material will be stockpiled in an enclosed building to await transport to the Hay River railhead.

### Project Modifications

Project modifications have occurred throughout the permitting process including: the location of the Hay River railhead facility, combination of diesel and line power, addition of conventional flotation, addition of injection wells and replacement of infiltration basin with sediment settling pond. The modifications are predominately due to operational restrictions, environmental and economic improvements and expert advice provided during technical sessions. Please see a summary of the project modifications in the following table.

Original Component	Alternative Component	Potential Environmental Impact
Railhead East of Hwy #2	Railhead West of Hwy #2	<ul style="list-style-type: none"> <li>Reduced highway exposure</li> <li>Build new facility to meet rail loading requirements vs. use or modification of prior proposed facility. No significant impacts.</li> </ul>
Diesel Generation	Line Power w/ Diesel Generation	<ul style="list-style-type: none"> <li>Further reduced emissions due to decreased diesel generation.</li> <li>The addition of power poles along side the project access road to minimize exposure to fen area and risk of collisions.</li> </ul>
DMS	DMS plus Flotation	<ul style="list-style-type: none"> <li>No cyanide compounds used.</li> <li>Handling of additional reagents added for flotation process.</li> <li>Implementation of written contingency plan for handling reagent spills.</li> </ul>
Infiltration Basin	Injection Well & Settling Pond	<ul style="list-style-type: none"> <li>Recommended by technical experts vs. infiltration basin.</li> <li>11% reduction in project footprint.</li> <li>No exposure to near surface waters.</li> <li>Injected water returned to its origin in the Presquile formation where it becomes rapidly diluted.</li> <li>Negligible mounding of surface water.</li> </ul>

### Environment and Safety

Tamerlane Ventures Inc. is committed to protecting the environment, health, and safety of its employees, their families, their communities and the public. Protection will be ensured through compliance with all applicable laws. Tamerlane is dedicated to being a leader in environmental, health, and safety matters through continuous performance improvement that benefits employees, the public, and shareholders.

Tamerlane conducted environmental baseline studies in the fall of 2005, and during the spring and summer of 2006 to ensure its understanding of valued ecosystem components. No significant effects on wildlife, including SARA-listed species are expected to occur. To ensure this, Tamerlane designed and modified the project to ensure a minimal footprint and to utilize the least intrusive mining method possible.

### Reclamation

Reclamation planning is an integral component of a sound environmental management system for any development. Tamerlane is committed to achieving a number of goals for the progressive reclamation of the PPP development area following closure of the project. Tamerlane's goals for reclamation of the short duration project will be consistent with the reclamation guidelines set forth in Section 15 of the Mackenzie Valley Land Use Regulations as well as, the 2007 INAC Mine Site Reclamation Guidelines.

### Future Potential

Tamerlane is investigating the potential for future mining of five deposits near the R-190 deposit. Tamerlane envisions utilizing the existing infrastructure from the R-190 mine to access these additional deposits located on the West side of the Buffalo River. These deposits are accessible underground because of their close proximity to the R-190 site.

### Summary

The Pine Point Pilot Project will:

- Confirm the viability and economics of short & long term underground mining
- Adhere to a high-level of environmental and safety standards
- Comply with regulatory requirements and conditions
- Create jobs and business opportunities
- Benefit local and regional economies