

Silvertip Project Cleanup of Historic Debris - Water Licence 2BE-SIL0709

On August 10th 2014 two areas of the Silvertip project property were visited by North Arrow Minerals staff to remove items noted by Ms. Eva Paul (AANDC Water Resources Officer) during a July 7, 2013 inspection of the property. The two areas visited were the old Mouse Lake camp area and, as a goodwill gesture, Paleface Lake where historic debris was also noted.

Areas of concern and noted debris:

1. Mouse Lake: wooden planks left over from 2008 North Arrow drill program.
2. Paleface Lake area: timbers and an old dock. These are very old historic debris that bears no relationship to any of the work conducted by North Arrow. They are remnants from a previous operator (Teck Cominco Ltd.) that completed a drill project from a camp on Paleface Lake in the 1970's. Strongbow Exploration and North Arrow bear and accept no responsibility for these items. As an act of good will North Arrow did remove the historic timbers and cleaned up historic core racks.
3. Thlewych Lake: historic timbers along lakeshore. All of the original timbers used during North Arrow's 2008 drill program were brought back to the camp at Mouse Lake following drilling. The bulk of these were removed in 2009 following an inspection by Water Resources Officer Melissa Joy, and the remainder were removed this year. The timbers at Thlewych Lake are in no way related to this project and the clean-up was focused on areas where North Arrow had previously worked (i.e. camp at Mouse Lake and drilling at Paleface Lake).

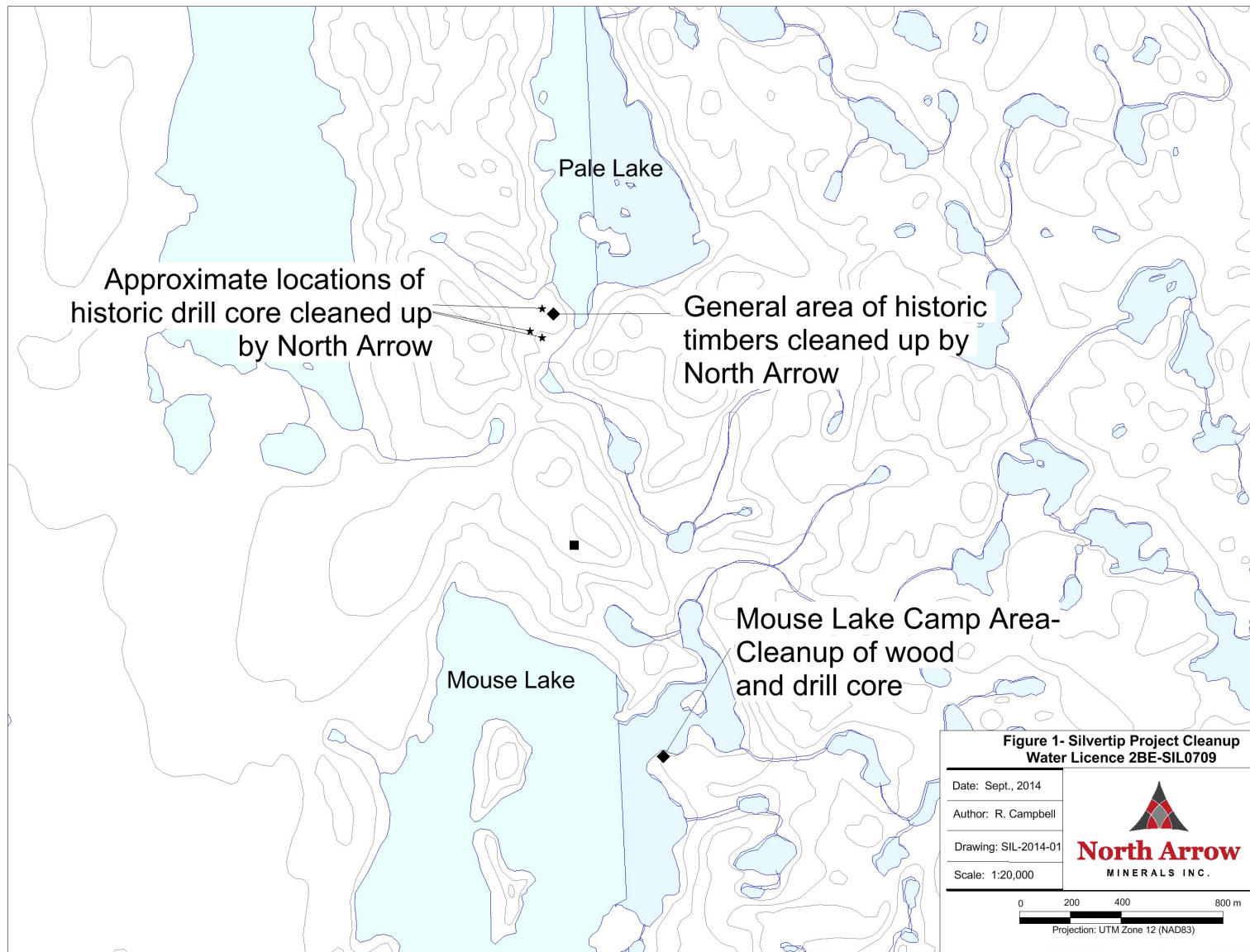
Figure 1 shows the respective locations of the Mouse Lake camp area and Paleface Lake historic drilling area.

North Arrow has now removed all remaining wood debris at the Mouse Lake camp as well as completing a secondary check for any remaining debris. Drill core stacks that remain at the old camp site were also restored to good order. The areas with historic drill core racks at Paleface Lake were also restored to good order as much as possible (Figure 1 and Photos 15-20). GPS locations of the areas cleaned up are shown in Table 1.

Before and after photos are presented in the following pages that document the cleanup.

Table 1: Silvertip Project Cleanup Sites - August 10th, 2014

Area	Waypoint	Easting_NAD 83 UTMz12	Northing_NAD 83 UTMz12	Comments
Mouse Lake	Mouse L. Cleanup	642,656	7,189,530	North Arrow camp wood cleaned up and drill core straightened up.
Paleface Lake	Paleface Lake Cleanup	642,226	7,191,261	Historic timbers cleaned up
Paleface Lake	Drill Core 1	642,181	7,191,283	Historic drill core straightened up
Paleface Lake	Drill Core 2	642,134	7,191,195	Historic drill core straightened up
Paleface Lake	Drill Core 3	642,181	7,191,169	Historic drill core straightened up



Mouse Lake Camp Area Photos



Photo 1: Air photo of timbers and core racks at Mouse Lake before cleanup. Looking south.



Photo 2: After cleanup photo (timbers removed) at Mouse Lake. Looking south.



Photo 3: Before photo of planks at Mouse Lake camp. Looking west.



Photo 4: After cleanup photo of planks at Mouse Lake camp. Looking west.



Photo 5: Before photo of planks at Mouse Lake camp. Looking northwest.



Photo 6: After cleanup photo of planks at Mouse Lake camp. Looking northwest.



Photo 7: Before photo of planks at Mouse Lake camp. Looking south.



Photo 8: After photo of planks at Mouse Lake camp. Looking south.



Photo 9: Before photo of plank by lakeshore at Mouse Lake camp. Looking northwest.



Photo 10: After cleanup photo of plank by lakeshore at Mouse Lake camp. Looking northwest.



Photo 11: Before photo of 2nd plank by lakeshore at Mouse Lake camp. Looking east.



Photo 12: After cleanup photo of 2nd plank by lakeshore at Mouse Lake camp. Looking east.

Paleface Lake Area Photos



Photo 13: Before photo – example of one of the historic timbers near southwest end of Paleface Lake cleaned up by North Arrow. Looking east.



Photo 14: Photo of five historic timbers collected and strapped for removal near southwest end of Paleface Lake. Looking east.



Photo 15: “Before” photo of historic core rack area 1. Looking west.



Photo 16: “After” cleanup photo of historic core rack area 1. Looking west.



Photo 17: After cleanup photo of historic drill core rack area 2. Boxes and core strewn about were stacked in or on core racks. Note: no before cleanup photo was taken. Looking south.



Photo 18: After cleanup photo of historic drill core rack area 2. Boxes and core strewn about were stacked in or on core racks. Note: no before cleanup photo was taken. Looking east.



Photo 19: Before photo of historic drill core area 3. Looking west.



Photo 20: After cleanup photo of historic drill core area 3. Looking west.



Photo 21: Before photo of historic metal bracket-debris near spot of already cleaned up historic timber.



Photo 22: After cleanup photo of historic metal bracket-debris near spot of already cleaned up historic timber.



Photo 23: Before photo of historic debris (timbers, dock) at south end of Paleface Lake. Looking south.



Photo 24: After cleanup photo of historic debris (timbers, core rack) at south end of Paleface Lake. Looking south.