

2BE-CHI1218 Amendment Application

Executive Summary in English

Peregrine Diamonds Ltd. is planning to conduct large diameter drilling and trenching at its CH-6 Kimberlite in the winter of 2017. This work will be based out of the CH-6 Camp. The CH-6 camp is 250 meters northeast of the CH-6 kimberlite where the work will be taking place. Large diameter drilling and trenching activities are activities already authorized under land use permit 2BE-CHI1218 and INAC permit N2012C0024.

The CH-6 Camp is 22 kilometers (straight-line distance) west of Sunrise Camp where an ice airstrip (herc-strip) is authorized and 21 kilometers west of the largest authorized drill water source. The intermediate terrain between CH-6 and Sunrise Lake is quite severe with large block field boulders and for safety reasons Peregrine would rather not utilize this area during this program if it can be avoided. Also, we have observed that this area is subject to more harsh weather which probably due in large part to proximity to the glaciers.

Peregrine does have three other authorized drill water sources permitted closer to the CH-6 Camp. These water sources are small and though there would be sufficient water in them to supply operational needs there would be considerable drawdown (potentially up to 10%). Peregrine feels that these water sources are best reserved as “emergency drill water sources” in the event of severe winter weather which is common on the Hall Peninsula Plateau (700 meters elevation). These three smaller sources will continue to be used for domestic water (camp water) for which average withdrawal is 3 cubic meters per day.

For these reasons Peregrine is requesting the following three amendments to facilitate winter exploration activities in 2017.

- 1) Addition of a new large water source close to the CH-6 Camp and Ch-6 Kimberlite. The lake is located 12 kilometers west of the CH-6 Camp and CH-6 Kimberlite and is better suited for operational and safety purposes. Furthermore the lake is large and it is anticipate that total water withdrawal from the lake will be insignificant to the total lake volume (less than 1/15 of 1 percent of the total lake volume).
- 2) Addition of a landing strip for large fixed wing aircraft (herc-strip) at the same large lake proposed for the water source. This strip would be used for mobilization and demobilization of equipment, supplies and samples. Snow clearing will be necessary and though not anticipated flooding may be necessary if ice conditions are not at seasonal norms.
- 3) Addition of a small landing ice strip for small aircraft (Twin Otter) at a small lake 5 kilometers from the CH-6 Camp. This airstrip will be snow groomed. It will be used to transport personnel to and from the Iqaluit to the worksite.