Attachment 1: Summaries of Operating Plans for Proposed Exploratory Drilling Activities Submitted by Duluth Metals, Limited, Encampment Resources L.L.C., and Lehmann Exploration Inc. (Franconia)

See Figure 1: Kawishiwi Exploratory Drilling Project displays the estimated locations of the proposed drilling site.

All drill sites and access routes would be approved by Forest Service personnel before operations commence.

Duluth Metals, Ltd.

Duluth Metals has identified 10 sites for exploratory core drilling in Lake County, MN near the South Kawishiwi River. Exploration would be conducted according to applicable rules and regulations of the US Departments of Interior and Agriculture and the State of Minnesota as set forth in a Plan of Operation.

Duluth Metals proposes construction of about 0.8 miles of temporary roads in order to access these drill site locations. Existing roads would be used to access five of the sites while the remaining would require new construction. The total area occupied by the ten sites would total about 1 acre.

An area of approximately 50 feet by 80 feet would be utilized at each drill site. A sump would be excavated to contain return water and cuttings. Cuttings would remain in the sump and buried at completion of operations. The only additives to the drilling water will be those permitted by the State of Minnesota DNR. Each site would be restored through surface grading, as needed. Local surface water source would be used. If no surface water is available, it will be supplied by a tanker truck.

Licensed drilling contractors would complete the drilling. Truck and skid mounted drill rigs would be utilized. The rigs would operate 24 hours a day in two 12 hour shifts. Each hole would require two to three weeks to complete. Support equipment would include a D-5 or comparable dozer, a skid or trailer mounted dray for storing drill pipe, a skid or trailer mounted equipment shed and one or more four wheel drive trucks for fuel, water and supply transport. Two or more drill rigs may be used to accomplish this program in the allotted timeframe. To minimize the number of sites established for drilling more than one hole could be drilled at each drill site; one vertical and others directionally at an angle.

All operations will also be monitored by the State of Minnesota. On completion, the drill hole may be temporarily abandoned in conformity with applicable Minnesota State rules to allow for later geophysical surveys or reoccupation. If temporarily abandoned, it would be necessary to bring the contractor back to the site to complete the permanent abandonment procedure. When permanently abandoned, the hole will be sealed pursuant to applicable Minnesota Statutes.

Encampment Resources Inc.

Encampment has proposed two forms of exploration in Lake County, MN. Exploration would be conducted according to applicable rules and regulations of the US Departments of Interior and Agriculture and the State of Minnesota as set forth in a Plan of Operation.

First, they propose geophysical surveys. The purpose of these surveys is to define further ground targets that will be tested by diamond core drilling. These surveys require a series of east-west orientated grid lines spaced 400 feet apart. Underbrush along each line is cut and clears by hand to make a 2 to 3 foot wide path that will allow access by foot during the surveys. Geophysical surveys which include magnetics, inducted polarization and electromagnetic profiling, consist of recording various readings from hand held instruments at various points along the grid line.

The second form of exploration is diamond core drilling. Encampment Resources has proposed 44 drill sites within their prospecting permit boundaries. The proposed drilling operation would commence after

the geophysical surveys or as soon as ground freeze-up occurs. All sites located in low or wet areas would only have overland access during winter months once the ground has sufficiently frozen. Helicopter support may be required during initial stages of the drilling operation (access before freeze-up) and/or for continuing operations beyond breakup and possibly into the summer and fall.

Each proposed new drill site would affect an area approximately 50 by 50 feet of surface. Ground conditions and/or new geophysical results may result in drill sites being adjusted in the field by 100 to 500 feet from their original location. The same site will generally be used for more than one drill hole in order to minimize surface disturbance. Drilling results will determine whether all the proposed sites are utilized during the exploration program and in some cases the number of holes that will be drilled at a specific site. Surface area disturbance would be approximately 2.5 total acres. Construction of temporary roads would be approximately 2.4 miles.

Within each site, all or part of the area will be cleared of vegetation to accommodate the drill rig (with sump pit). Disturbance at drill sites will be limited to the cleared area and will include a 5' x 15' by 10' - deep pit to contain returned water and drill cuttings. The sump pit would be constructed by a tract-mounted backhoe. However, if the area is swamp, above-surface stock tanks will be used instead of the sump pit. Tanks would be regularly cleaned of cuttings and hauled to an approved sump pit constructed on higher ground. No structures or facilities will be built on the site.

Experienced contractors will conduct drilling operations. Standard skid-mounted diamond-bit core rig will be used to do the drilling. Support equipment will include a skid-mounted rod dray, a D-4 or comparable dozer, and a two-or three-axle flatbed truck for transporting water, pipe, and other equipment. Four-wheel-drive pickups will be used to transport personnel and service the drill rigs. Vehicles and drills will be equipped with the required fire-fighting equipment.

The proposed source of drill water would be South Filson Creek, if approved by the Minnesota DNR. Water would be pumped to most drill sites, although it may be advantageous to truck the water to drill sites that are close to established roads. In either case, water will be obtained only from a site previously approved by both the Minnesota DNR and the U.S. Forest Service. The only additives to the drilling water will be those permitted by the State of Minnesota DNR.

Upon completion of drilling operations, all equipment will be removed, the sump pit immediately backfilled, and the sites restored as soon as weather conditions permit. In accordance with restoration procedures outlined by the District Ranger, drill sites and access roads will be restored through surface grading and reseeding. Seeding and fertilizing will be used where deemed necessary by the District Ranger. All of the 2004 and most new drillholes will be cemented as soon as possible and abandoned pursuant to rules adopted by the Minnesota Department of Health and DNR. Some holes may be temporarily abandoned (capped) and left open in order the conduct down-hole geophysical surveys at a later time.

Lehmann Exploration Mgt.

Lehmann Exploration Management (Franconia) has proposed an exploratory drilling program in Lake County MN.

Work will be conducted according to applicable rules and regulations of the US Departments of Interior and Agriculture and the State of Minnesota as set forth in a Plan of Operation.

Operations proposed consist largely of diamond core drilling but may also include some surface and down-the-hole geophysical surveys, geologic mapping and soil and rock chip geochemical surveys.

Approximately 31 holes drilled at 24 sites are proposed. At some sites up to three holes will be collared at the same location but will be drilled with different inclinations and/or azimuths. Drilling would involve some surface disturbances because of the need to prepare drill sites (including sumps for water

recirculation and settling out of drill cuttings) and the need to construct temporary access trails, but this would be minimized to the extent possible. Approximately 2.1 miles of temporary roads would be constructed. The location of proposed sites can be modified slightly in cooperation with the surface managers (Forest Service). The access trails shown attempt to avoid apparent wetlands areas in so far as possible and minimize the use of the existing road that serves the cabins. Normally access is by upgraded trail, approximately 12 feet wide, from which trees and underbrush have been cleared. If geophysical surveys are conducted this may require clearing of narrow trails through underbrush to lay out required cables. Where wet ground conditions cannot be avoided, mats will be used to minimize impact or drilling will be deferred until winter.

Each drill site would affect an area approximately 100 by 100 feet. Surface area disturbance would be approximately 5.5 total acres. Within a drill site, all or part of the area may be cleared of vegetation to accommodate the drill rig and sump pit. Trees and shrubs cut during construction of the sites and access roads will be lopped and scattered to lie within 30 inches of the ground. Disturbance at the drill site would be limited to the cleared area and will include a 30 to 60 by 20 by 20 foot pit (sump pit) to contain return water and drill cuttings. No structures or facilities would be built on the site. On completion of the drilling, all equipment will be removed, the pits would be back-filled and the site would be restored according to requirements of the surface management agency and Minnesota DNR regulations as soon as weather conditions permit.

Existing access roads used to access the temporary access trails will be maintained as necessary by Franconia or its contractors, in compliance with specifications and instructions.

Areas constructed as drill sites will be open to state and federal officials, hired contractors and their employees and employees or consultants of Franconia. In the interest of safety and to the extent practical, unauthorized personnel will be restricted from entering operations areas.

Initial drilling operations would be an experienced drilling contractor. A standard truck-mounted diamond core drill would be used. Support equipment may include a skid-mounted rod dray, a D-8 or comparable dozer, an excavator, a high lift and two or three axle trucks for transporting water, pipe, fuel and other equipments and drill core. Four wheel drive pickups and SUVs would be used to transport personnel and to service drill rigs. Vehicles and drills would be equipped with the required fire-fighting equipment.

The proposed source of drill water would be the Kawishiwi River, or other sources that are most accessible to the drill site and would require the least disturbance to obtain access. Water would be trucked to drill sites or, where more advantageous, pumped to drill sites from nearby water sources. Water would be obtained only from sources approved by the Minnesota DNR. Only additives to drilling water will be those approved by the Minnesota Department of Health. There is minimum danger of pollution because all drilling fluids are collected in the sump-pit and re-circulated. Where shallow bed rock prevents constructing a sump-pit, drilling fluids and cuttings would be collected in tanks, the water re-circulated and the drill cuttings disposed of at another site.

During drilling, trash would be stored in suitable containers and removed from the site for disposal. No explosives or firearms will be permitted on the project. Fires will be permitted only in specific heating devices (salamanders, cook stoves, etc.) and all state and federal fire laws and regulations will be observed to prevent and suppress fires in the areas of operation.

At the completion of drilling, all drill holes would be abandoned pursuant to Minnesota statutes and rules governing abandonment of exploration drill holes.