

MINNOVA INC.

DATE: October 13, 1992  
TO: Ian Pirie  
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FROM: Dave Heberlein  
SUBJECT: MDA Interior Plateau Aeromag Survey Proposal.

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On Tuesday October 6th, I attended a joint industry-government meeting on the proposed MDA aeromagnetic survey of the interior plateau. The meeting, was chaired by Bill McMillan of the BCGS and was attended by several industry people. Companies represented were: Placer Dome, Homestake, Inco, Noranda and ourselves. Several independent people/consultants were also present.

The meeting started with a general overview of the Interior Plateau MDA by Peter van de Heyden. He summarized the work carried out this year and outlined the mapping portions of the program which will be done over the next three years. Dennis Teskey and Dick Gibb of the GSC Aeromag Section in Ottawa outlined the objectives and scope of the survey and discussed the funding which after 1993 will be heavily reliant industry participation.

The final hour of the meeting was an open floor discussion about the survey parameters and mechanisms of industry involvement. Key issues discussed are summarized below in point form.

**Survey Area.** Over the next three years a high resolution, fixed wing magnetometer survey will be carried out over the eastern three quarters of 93C (including Clisbako), the west quarter of 93B, the northwest quadrant of 930 (including Fish Lake) and the southern quarter of 93F (including Wolf). In addition, a small area of 93G equivalent to one 1:50,000 mapsheet will be included. Results will be published at 1:50,000 and 1:250,000 scales. This area centres on and

surrounds the ground mapping projects.

**Industry Involvement.** The Federal Government is committed to funding for 1993. After that the project will be funded as a JV between industry and both levels of government. To complete the survey as planned (assuming continued federal support), a total of \$2.5M is required from industry over the next three years.

Companies electing to contribute will have the option to not fund specific years. They can also be selective about the parts of the survey that they participate in.

A minimum subscription of \$50K was discussed although this is by no means written in stone. Existing aeromag surveys can be donated in lieu of a cash contribution. These must be approved by the GSC and must be compatible with the survey plan. Each contributed survey will be assigned an equivalent cash value that will be deducted from the minimum contribution.

A committee will be formed consisting of one representative from each contributing company, the GSC and the BCGS. Its role will be to determine the precise survey parameters (for example, survey altitude, line spacing etc.). It will also meet regularly to review the progress of the work.

Funds contributed to the survey will be placed into an account which will be available for scrutiny by all contributors. All of the money will go into direct survey costs. There will be no hidden administration charges.

**Access to Data and Confidentiality.** Contributing companies will have access to the data and the job site (within reason) throughout the project. A confidentiality period during which the contributing companies will have access to all data

including digital tapes will be negotiated by the committee. After that time the data will be released to the general public.

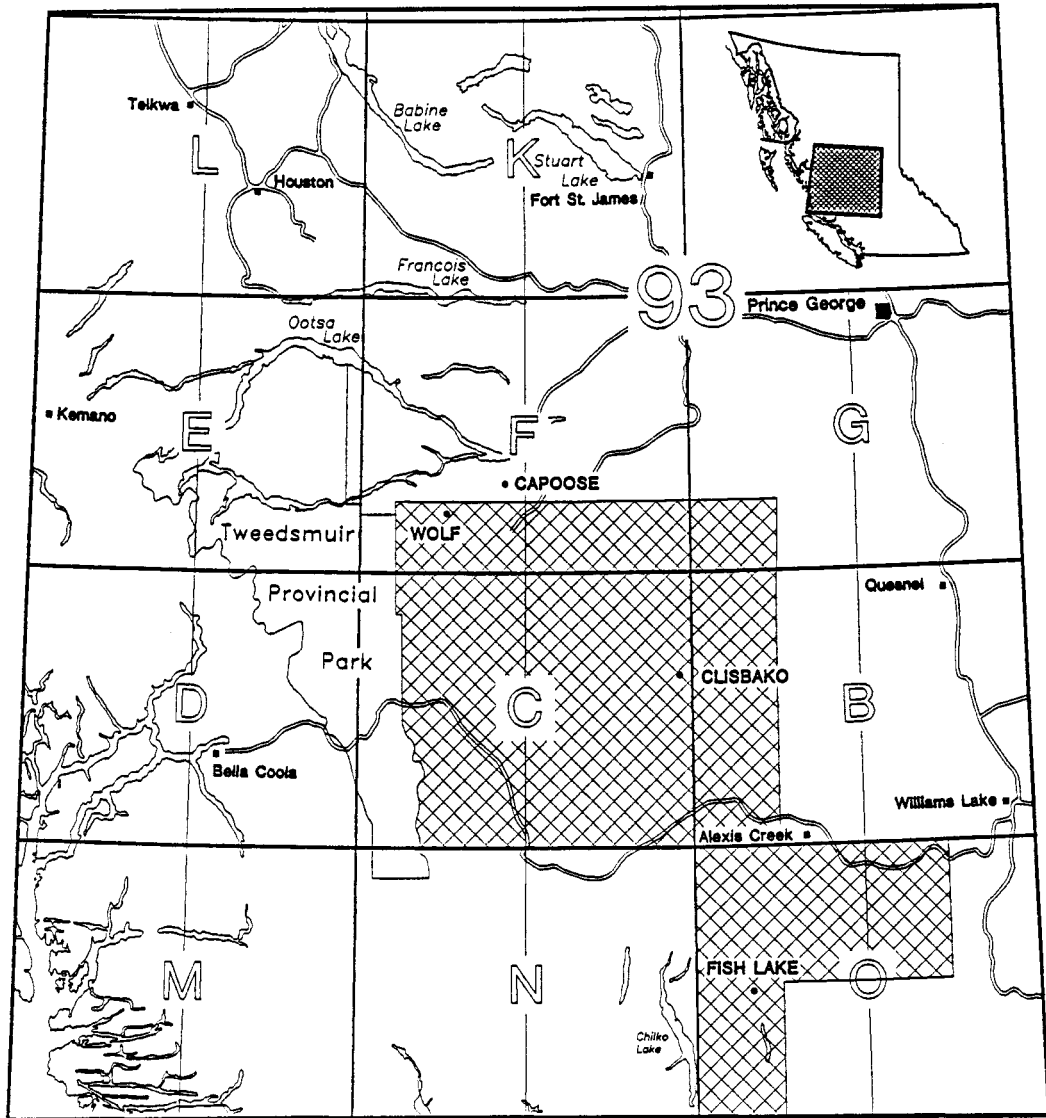
**Survey Parameters:** Exact parameters will be established by the committee, however the original proposal calls for a line spacing of 800m and an altitude of 1000 feet. It remains to be determined if the altitude refers to a constant ground clearance or to a fixed altitude.

**Detailed Surveys.** In addition to the regional survey, two detailed surveys over known prospects (Clisbako and Fish Lake) are planned. These will be low-level helicopter surveys on close spaced lines and will include gamma ray spectrometry and EM.

A follow-up meeting is planned for later this year to finalize the details and to assess the level of industry interest. All members of the industry present at the meeting were asked if their companies would be interested. All replied (including myself) that the principle is fine but with internal budgets being tight, there may not be much room for large contributions. Everyone agreed on that point.

I believe that if Minnova is committed to exploring for epithermal Au, porphyry Cu-Au and other targets in the interior plateau, we should be involved in this venture.

Dave Heberlein



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