

# EXPLOR DATA LTD.

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September 18, 2000

Mackenzie Valley Environmental Impact Review Board  
Box 938, (5102-50<sup>th</sup> Avenue)  
Yellowknife, NT  
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Attention: Gordon Stewart

## **RE: INFORMATION REQUEST**

Dear Gordon,

We are providing you with the additional information you requested on a point by point basis.

- Nahanni Butte was contacted last spring in regards to another program we were shooting. They provided us with slashers for that program. At that time we mentioned our intention to acquire SWM-5 and that we would be in need of slashers for that program. There were no concerns raised by them in regards to the program. We contacted them again in June to indicate the program was going to proceed and we would be staying in touch.
- Currently there are no alternatives for the heliportable portion of this survey. The portion in the river valley could be shot conventionally during the winter using a wheeled crew. The amendment was applied for because we wished to tie a second well, and the new orientation was more favorable relative to the geologic trends. If the amendment for this program is rejected, we will likely proceed with the approved location in the winter and spring.
- Navpak is an inertial guidance survey system that does not require line of sight survey for establishing control. The user can navigate his way through the bush picking the least path of resistance. This method, although more costly, will reduce the overall amount of timber cut. This system is proprietary to Schlumberger.
- The Valley portion of this program could be acquired during the winter using a track and wheeled crew. A conventional crew operates in the same basic way as a heliportable program, except that the line itself is used as access using various types of vehicles. We have shot several hundred kilometers of this type of data in the immediate area during the past six winters. Other than having to remove more trees, there is little impact on the environment. Instead of dynamite, we can sometimes use a vibrator as the signal source which does not require drilling.

- The program we have proposed is part of a regional seismic grid we are establishing in the area. The structures we are imaging have already been established but our seismic helps tie them to the regional perspective. The area is already known to be favorable even without the seismic. This has been established through geological mapping of the area and information obtained by the wells in the area. Additional seismic could be shot in the future to fill in some of the gaps, but further development would require the issuance of subsurface rights.
- SWM-5 is one more piece of the seismic puzzle in understanding how the geology relates to the regional perspective. We have been establishing a regional grid in the area for the last six years, acquiring new regional lines and extending others. These lines are positioned to tie as many wells and known structures as possible.
- Explor was not aware of South Nahanni-Deh Cho initiative until it came up with regards to our amendment. I cannot remember who said during our teleconference, but it was pointed out that our proposed program did not fall with the area of consideration. No mention of this initiative has ever been addressed by either the peoples of Ft. Liard or Nahanni Butte.

We would be happy to answer any further questions you have in regard to this program and remain

Yours truly,  
**EXPLOR DATA LTD.**

Philip D. Gregory, P. Geoph  
Vice President

PDG/jld