

005026

Mr Rob Roycroft  
Director, Community Services  
City of Whitehorse  
2121 Second Avenue  
Whitehorse, Yukon  
Y1A 1C2

February 12, 1997

Dear Mr. Roycroft,

re: City of Whitehorse- Mineral Resource Assessment

As requested by the City of Whitehorse, the Department of Economic Development will undertake a mineral assessment of the area covered by the city. The process will include geological fieldwork in areas of incomplete geological coverage, compilation of all available geoscientific data, assessment for potential by an expert panel and production of a final report and of a mineral potential map. This map will outline the different geological units underlying the city and provide a relative ranking of their respective mineral potential. The Department will conduct this work utilizing existing resources and budgets. Because of other work commitments, our Mineral Assessment Geologist will not be involved with this project on a full time basis.

The proposed work plan involves several phases of work. The scheduled start on this project would be in early May. Mining companies that own pertinent and private data will be requested to share their information. Local prospectors and other explorationists with interests in the study area will be consulted. One map sheet at 1:50 000 scale remains to be mapped to complete the geological coverage of the city. This will be done early this spring, as soon as snow cover melts and allows for proper fieldwork conditions. If substantive geophysical information is available from private sources, the data would be interpreted by a contract geophysicist. The potential cost of this is unknown at this time. All available geoscientific data will be compiled digitally and geological tracts of similar geology will be defined.

An expert panel will then be convened. Since panelists are likely to be involved in summer fieldwork, we will need to wait for the end of September to maximize participation. Composed of industry and government experts with pertinent experience in the mineral deposits or deposit types of the area, this panel will rank the different geological tracts in relative order of potential of hosting economic grade mineralization, using the geoscientific compilation as a data base. From their conclusions, a mineral potential map will be produced.

Outlined below is a summary of the proposed timetable.

Geological Mapping	completed by	early June 1997
Geophysical Interpretation	contract out	
Geological Compilation	completed by	mid-September
Assessment Panel	completed by	end September
Final report and map	completed by	15 October 1997

The Department of Economic Development is asking for GIS support from the City. This will ensure that the digital data will be in a format that would easily integrate with the City's present land use planning exercises.

Sincerely

Roderic P. Hill  
Manager, Mineral Resources  
Mines and Resource Development  
Department of Economic Development