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# CORPORATION FALCONBRIDGE COPPER

MEMORANDUM

DATE: March 2, 1987  
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TO: A. J. Davidson  
COPIES A  
COPIES TO: H. L. Gibson  
DE  
FROM: C. M. Burge  
SUJET  
SUBJECT: Indian River Reconnaissance: Heavy Mineral Stream Sediment Sampling Proposal

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Last years lithochemical survey concentrated in the Indian River valley and saw some 285 rock samples analyzed according to our 1986 ICP package. These results provided us with a number of areas to extend mapping coverage in the 1987 field season. During this litho survey ten heavy mineral stream sediment samples were collected and one 8900 ppb gold assay was obtained on a creek in the northern part of the property. A heavy mineral stream sediment survey may be the most effective exploration technique to apply to the rest of the property where access is difficult and terrain precipitous.

The heavy mineral stream sediment sampling begun in 1986 should be continued in the Indian River area and coverage extended to the west in Balfour and Seymour Creek valleys and eventually the Furry Creek grid's eastern extension. This survey will be conducted by a junior geologist and a junior assistant over a 2 week period in July. Some helicopter time may be required.

<u>Area</u>	<u>Samples Required</u>
Indian River	50
Balfour Creek	15
Seymour - Clipper Ck	20
Loch Lomond - Mountain Lake	<u>15</u>
	100