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The results of this current drilling indicates that the Mines Department results are reliable and can be used to calculate ore reserves.

The second was, to auger drill widely spaced lines in order to trace the channel north of the area of intensive drilling by the Mines Department and to give information in areas not previously drilled. A series of 82 auger holes were completed up to the end of June 1971. (Fig 1 and Fig. 4).

Both auger and sample drilling is continuing.

LENGTH OF CHANNEL.

As a result of the drilling to date it has been possible to map a well defined channel system for over 30,000 ft. (Fig. 1). The junction of the channel coming from the Scotia and Lochaber Mines is located 10,230 feet north of the Scotia Mine.

It appears as though the major river system passed through the Lochaber Mine rather than the Scotia Mine but since less drilling has been done on this branch of the channel and since the channel has generally been referred to as the Scotia Lead in the past it is recommended that the policy of calling this channel system the Scotia Lead be continued.

Following are a series of channel lengths that apply to this drainage system.

SCOTIA LEAD:

Total length of Scotia Lead	23,265 ft.
Scotia Mine to S. end of Mines Dept.drilling	990 ft.
S. end of drilling to Junct. of Lochaber lead.	9,240 ft.
Junction of Lochaber Lead to North end of Mines Department Drilling.	7,095 ft.