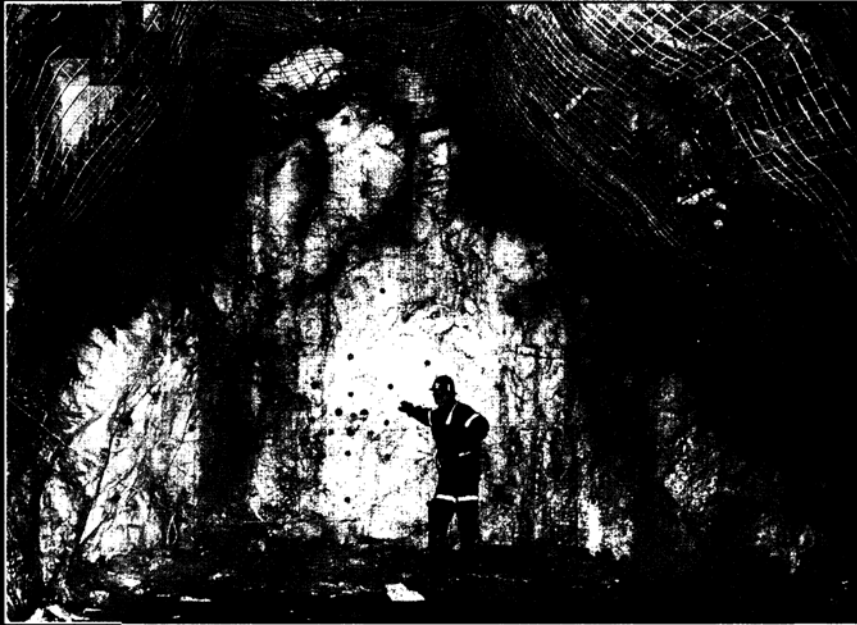


MINERALS AND ENERGY BRANCH

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NOVA SCOTIA
Natural Resources

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Honourable Tim Olive
Minister

D.J. Graham
Deputy Minister

Halifax, Nova Scotia
2002

Cover photo

Underground photograph of Saddle-reef (Vein 2a) at the EnviroGold Dufferin gold deposit located near Sheet Harbour, eastern shore of Nova Scotia. Photo taken by R. J. Horne. The auriferous vein material is located in the hinge zone of the Crown Reserve Anticline and the vein represents the second of 13 individual or zones of stacked saddle-reefs within the deposit, identified from surface drilling and underground development (Fall/Winter 2001/2002). The small circular shapes in the photographed face are drillholes that are part of the preparation for blasting. Camera is facing west and geologist shown for scale.

Note that the saddle is dominated by massive quartz; however, this thick vein thins on the margins (i.e. into the floor) where it becomes a laminated quartz vein with typical ribbon or crack-seal texture. Significant slate inclusions, both obvious and as ghost images, occur within the saddle reef and their significance is discussed by Horne (p. 51-67) in this volume.

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