

Outline of Presentation

1. Introduction
2. Review of Geological Conditions
3. Fundamentals of Drilling and Sampling
4. Findings in Hole 10 (Oct to Dec 1969), Hole G202 (June 1970) and Hole 10X (Oct 1970 to July 1971)
5. Findings in Hole G201 and 201X (June to Dec 1970)
6. TV Images in Bedrock Cavity (Aug 1971)
7. Diving Inspections (Aug 1971 and Aug to Sept 1972)
8. Parkin Sonic Survey in Bedrock Cavity (Oct 1973)
9. Inspection Holes in 10X Casing (Oct 1976)
10. Shaft to Bedrock (1978 to 1990)
- 11. Ice Holes (1979 and 1987) and Dye Tests (1988 and 1995)**
12. Commentary on 10X
13. Acknowledgements
14. References

Ice Holes Occur Feb 1979 and Frozen Over



Ice Holes Occur Feb 1979 and Panoramic View



Ice Holes Occur Feb 1979 and Feb 1987



Comments on Ice Holes

1. The ice holes result from cycles of drawdown and recovery of the water level in the area of 10X and the Money Pit.
2. This water level variation results in release of air bubbles from the bottom at the ice holes.
3. The water depth at the ice holes is about 20 to 25 feet.

Ref: Triton Mar 22, 1979
and Nov 9, 1987

Dye Tests by Triton Aug to Nov 1992

- 1. On Aug 25, 1992 water was pumped from the ocean at 500 to 600 gpm into the pumping hole north of 10X for 3 hours and ½ gallon of yellow dye was added.**
- 2. The dye appeared the same day as an obvious yellow/green colouration of the water at Smith's Cove and South Shore Cove.**
- 3. Several more dye tests were carried out in Oct and Nov in an attempt to pin point the exit locations but this was not successful.**

Ref: Triton Dec 11, 1992