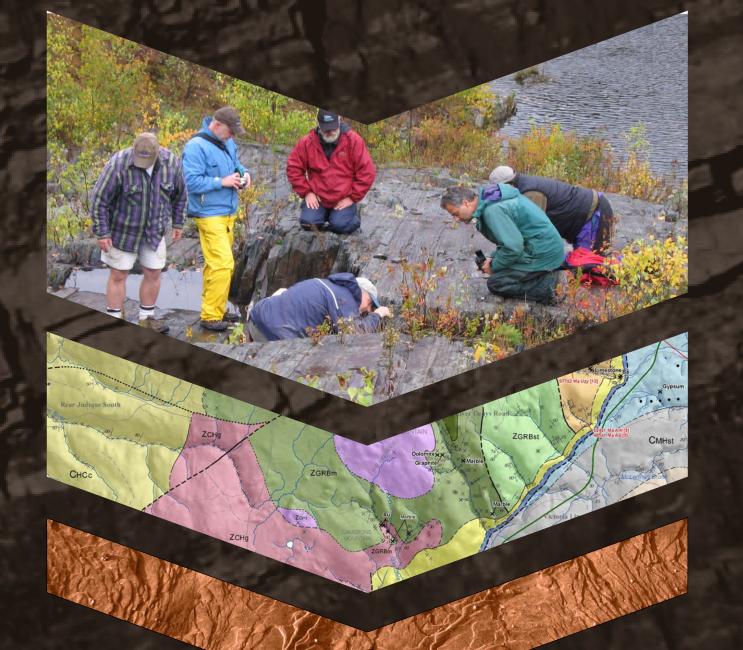
Natural Resources

Geology Matters 2014

Experts on the ground



Opportunities on the ground

Geoscience & Mines Branch



Open File Illustration ME 2014-002

The Nova Scotia Department of Natural Resources has located and mapped thousands of abandoned mine openings throughout Nova Scotia.

A database of information on more than 7,400 abandoned mine openings, linked to approximately 600 historic mining areas, is accessible through the Geoscience & Mines Branch web site.

Information on abandoned mine openings can be found using either the database search interface or the interactive map viewer, which can be found at: http://novascotia.ca/natr/meb/hazardassessment/abandoned-mines.asp

Everyone from vacationers to those experienced in Nova Scotia's woodlands are reminded of the dangers associated with mine openings. Do not venture near an opening. Stay back, and if it is unmarked, inform your local Department of Natural Resources office of its location.

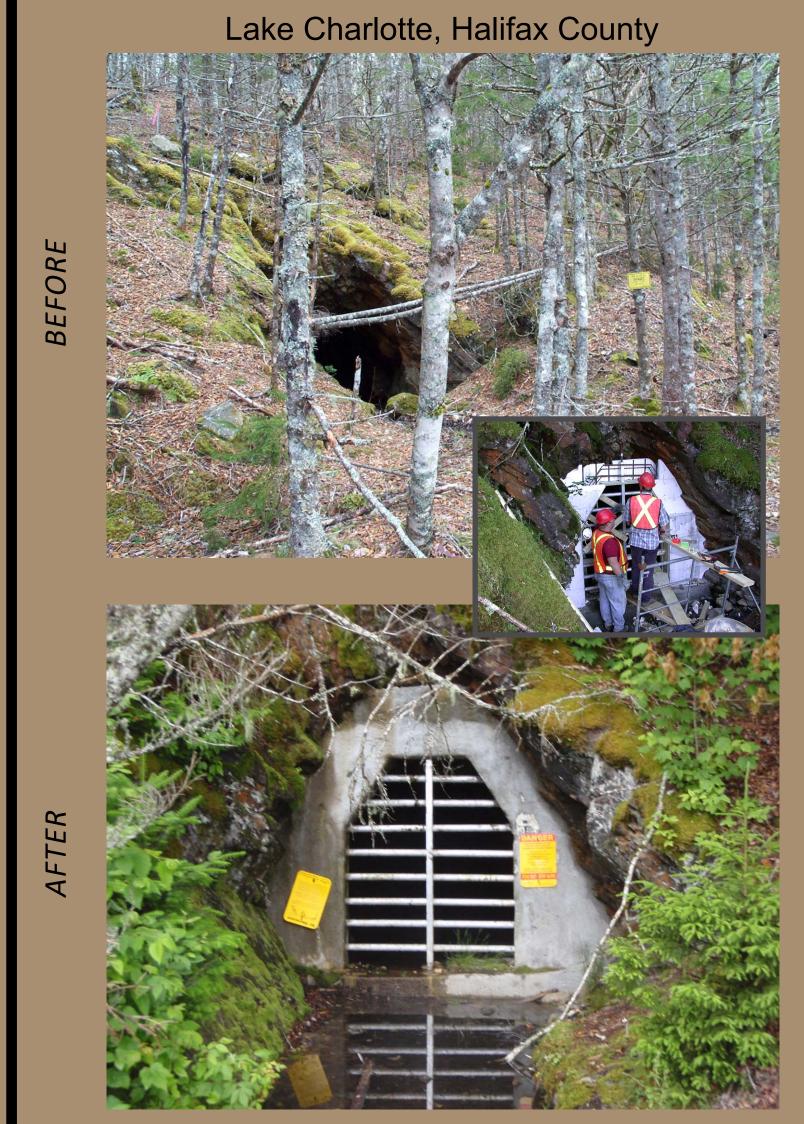
About 2,150 abandoned mine openings are located on Crown land, and approximately 750 of these have been remediated since the department's Abandoned Mine Openings Remediation Program began in 2001. Priority areas are those mine openings on Crown land close to residential areas or provincial parks.

Of the remaining 1,400 openings on Crown land, 350 are listed for remediation and 1,050 do not pose a threat to public safety at this time. Mine openings on Crown land are monitored regularly to assess any changes in their condition. Sites that are awaiting remediation or require monitoring for possible future hazards are marked with warning signs.

Abandoned Mine Opening Remediation







A Program for Public Safety

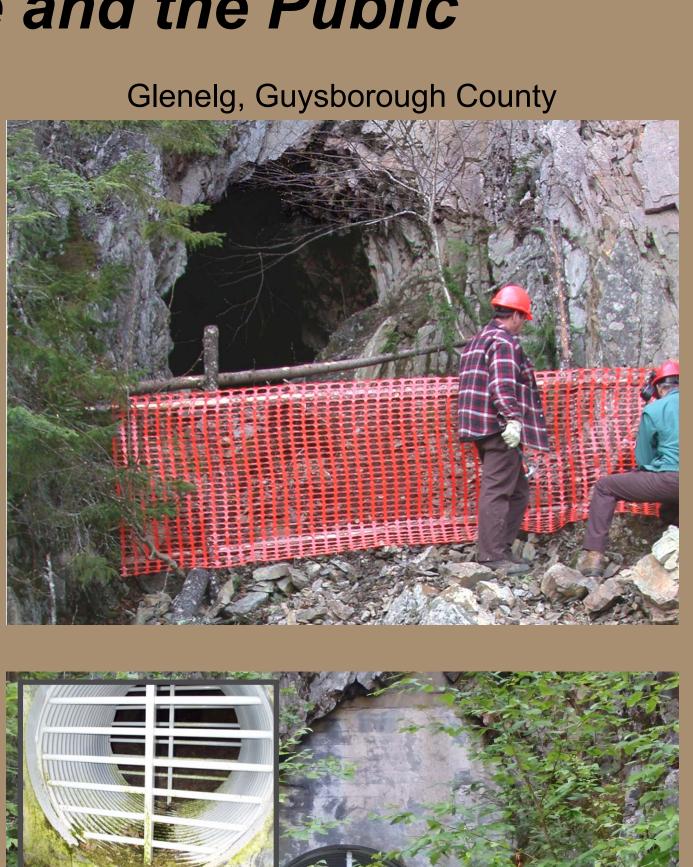
PROGRAM NOTES

- All documented Type I (inescapable) mine openings on Crown land have been addressed
- The Abandoned Mine Openings (AMO) Remediation Program is a joint effort of the Geoscience and Mines and Regional Services branches of DNR
- Transportation & Infrastructure Renewal (TIR) is involved in tendering and the remediation process
- TIR has capped 4 mine openings and backfilled more than 200 since 2001
- Public notices are issued and water sampling is conducted (if needed) before work is initiated in populated areas
- Wildlife habitats (e.g. bat, bear) are considered before remediation work is initiated
- 16 contracting firms have been involved across the province since 2001
- Private interests have partnered with DNR, e.g. 150 mine openings at Oldham were addressed as part of a forest harvesting operation
- Proposed work for 2014 includes: Joggins, Montague Mines, Leipsigate Mill Village and Crousetown

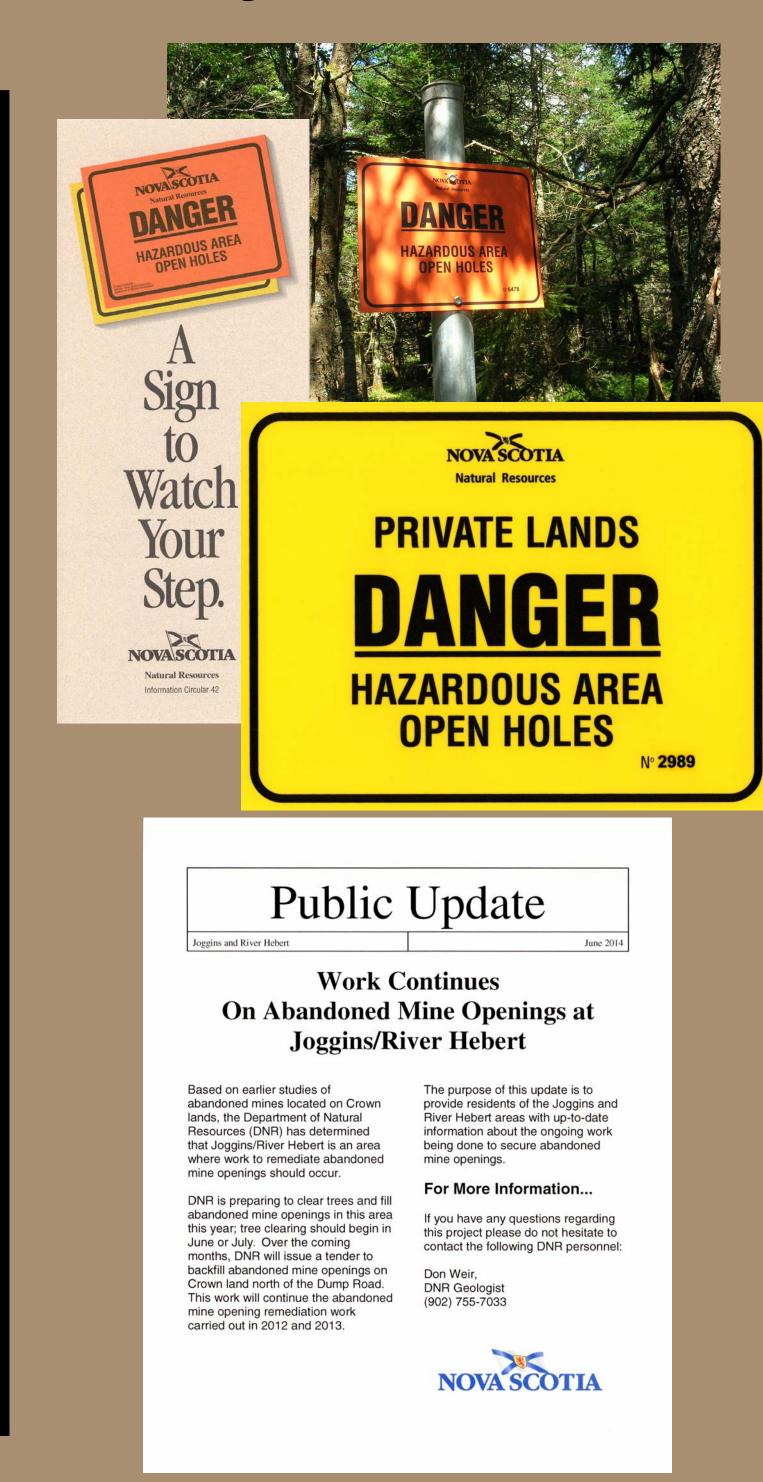
Remediation with Grates to Protect Wildlife and the Public

Londonderry, Colchester County









Ernie Hennick, Planning Technician, 902-424-5764 ernie.hennick@novascotia.ca



Remediation through Backfilling



North Springhill, Cumberland County

