

ENGINEERING ANALYSIS

REGULATION OF OPERATING AND DEVELOPING MINES

PRODUCING MINES AND DEVELOPING PROPERTIES

OCTOBER 2012



Labrador Iron Mines – Mining Iron Ore at the James Mine



Tata Steel Minerals Canada – Mining Iron Ore from the Timmins 4 Pit



IOC – Mining Iron Ore in Humphrey Main

Producers

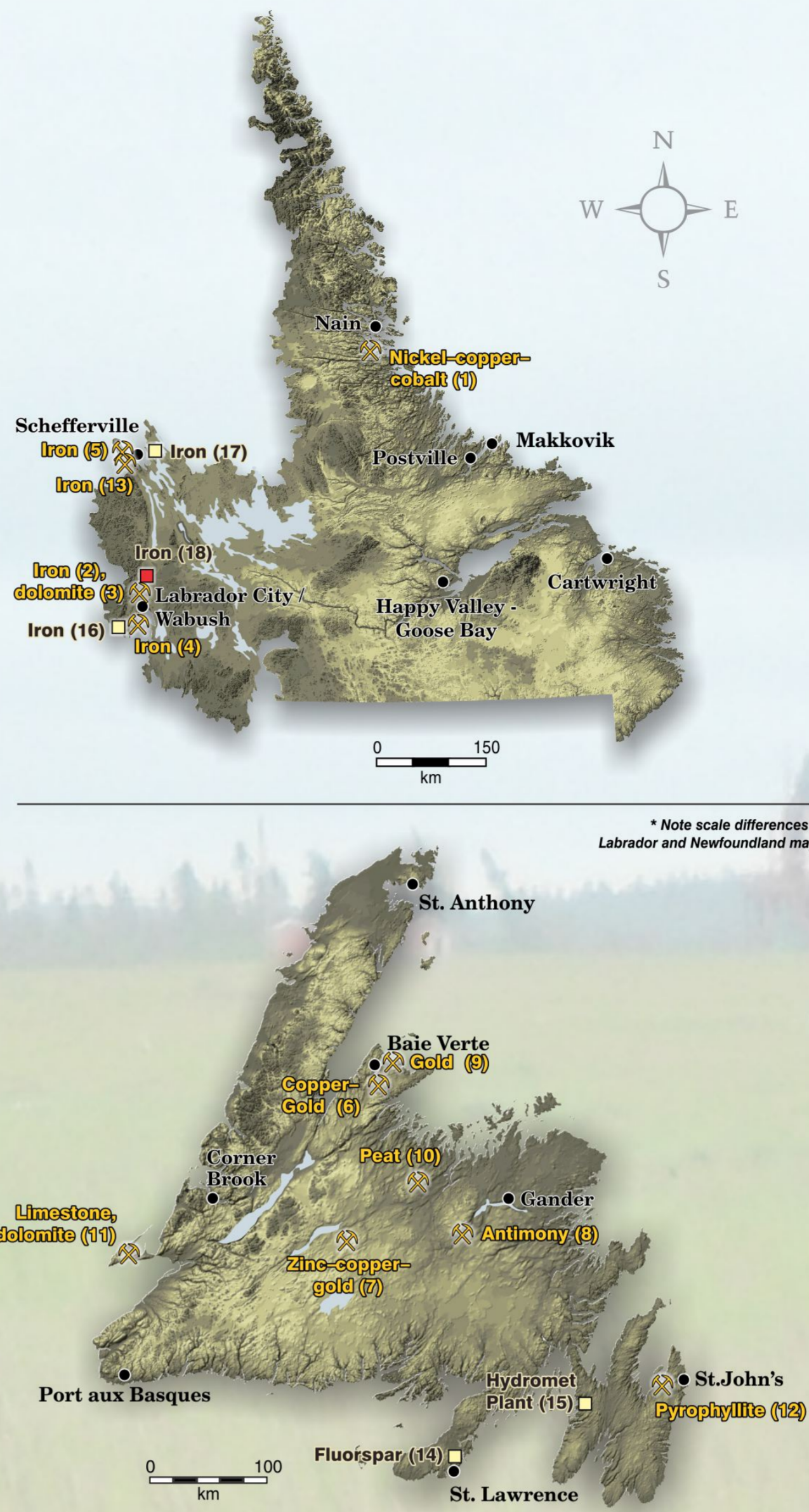
1. Vale Newfoundland and Labrador Limited, Voisey's Bay
2. Iron Ore Company of Canada, Labrador City
3. Iron Ore Company of Canada, Labrador City
4. Wabush Mines, Wabush
5. Labrador Iron Mines Limited, Menihek Area
6. Rambler Metals and Mining Canada Limited, Baie Verte Peninsula
7. Teck Duck Pond Operations, Duck Pond
8. Beaver Brook Antimony Mine Inc., Beaver Brook
9. Anaconda Mining Inc., Pine Cove
10. Hi-Point Industries (1991) Ltd., Bishop's Falls
11. Atlantic Minerals Limited, Lower Cove
12. Trinity Resources Ltd., Manuels
13. Tata Steel Minerals Canada Ltd., Menihek Area

Under development

14. Newspaper, St. Lawrence
15. Vale Newfoundland and Labrador Limited, Long Harbour Hydromet Plant
16. Alderon Iron Ore Corporation, Labrador City/Wabush Area
17. Labec Century Iron Ore, Menihek Area

Expression of Interest

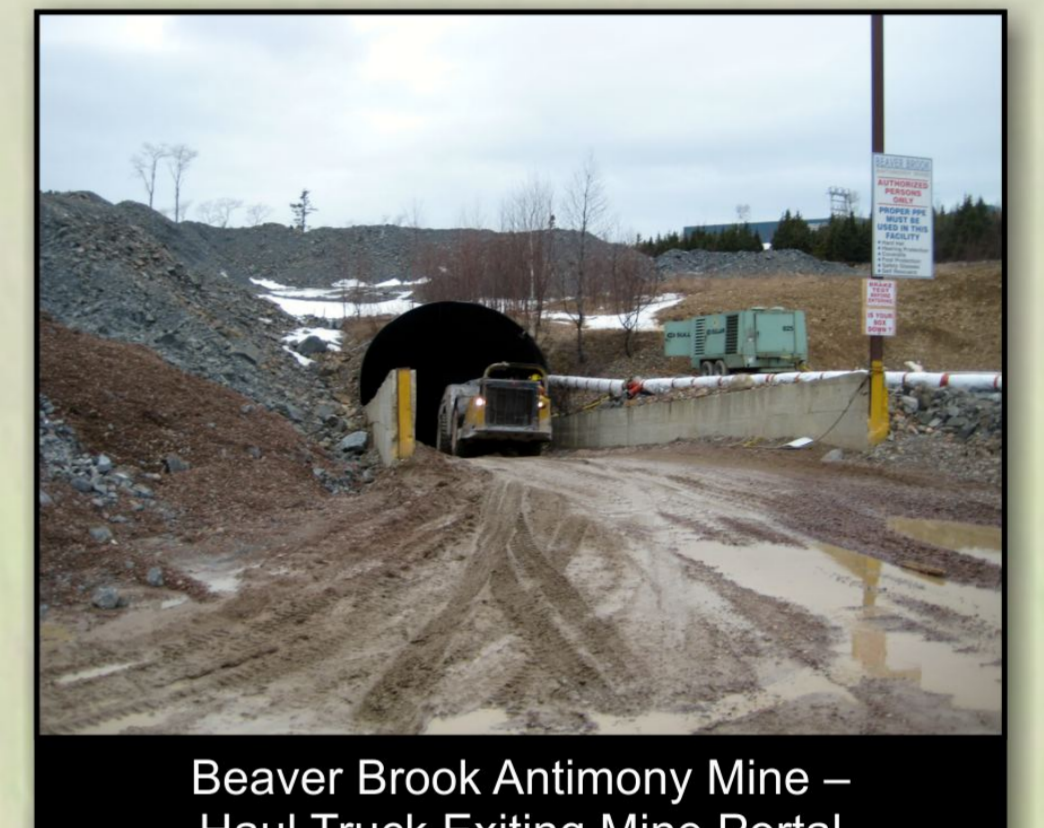
18. Julianne Lake, Labrador City/Wabush Area



Teck Duck Pond Operations – Tailings Pond



Rambler Metals and Mining – New Copper Mill Commissioned June 2012



Beaver Brook Antimony Mine – Haul Truck Exiting Mine Portal



Atlantic Minerals – Loading Facility

REHABILITATION OF ORPHANED AND ABANDONED MINES

Gullbridge Tailings Dam Rehabilitation Project



Woody Vegetation was Removed from the Dam



Gullbridge Tailings Facility



Geotechnical Drilling on Gullbridge Tailings Dam



Rusted Culvert at the Gullbridge Tailings Dam

PROJECT INFORMATION

DESIGN: Stantec Consultants
 CONTRACTOR: Marine Contractors
 SITE SUPERVISION: Hatch Mott MacDonald

REASON FOR WORK:

- Global instability of dam
- Risk of overtopping during storm events
- The dam does not currently meet the requirements of the Canadian Dam Association

EXISTING DAM: 1070m long and 3 – 8m high

PROJECT INCLUDES:

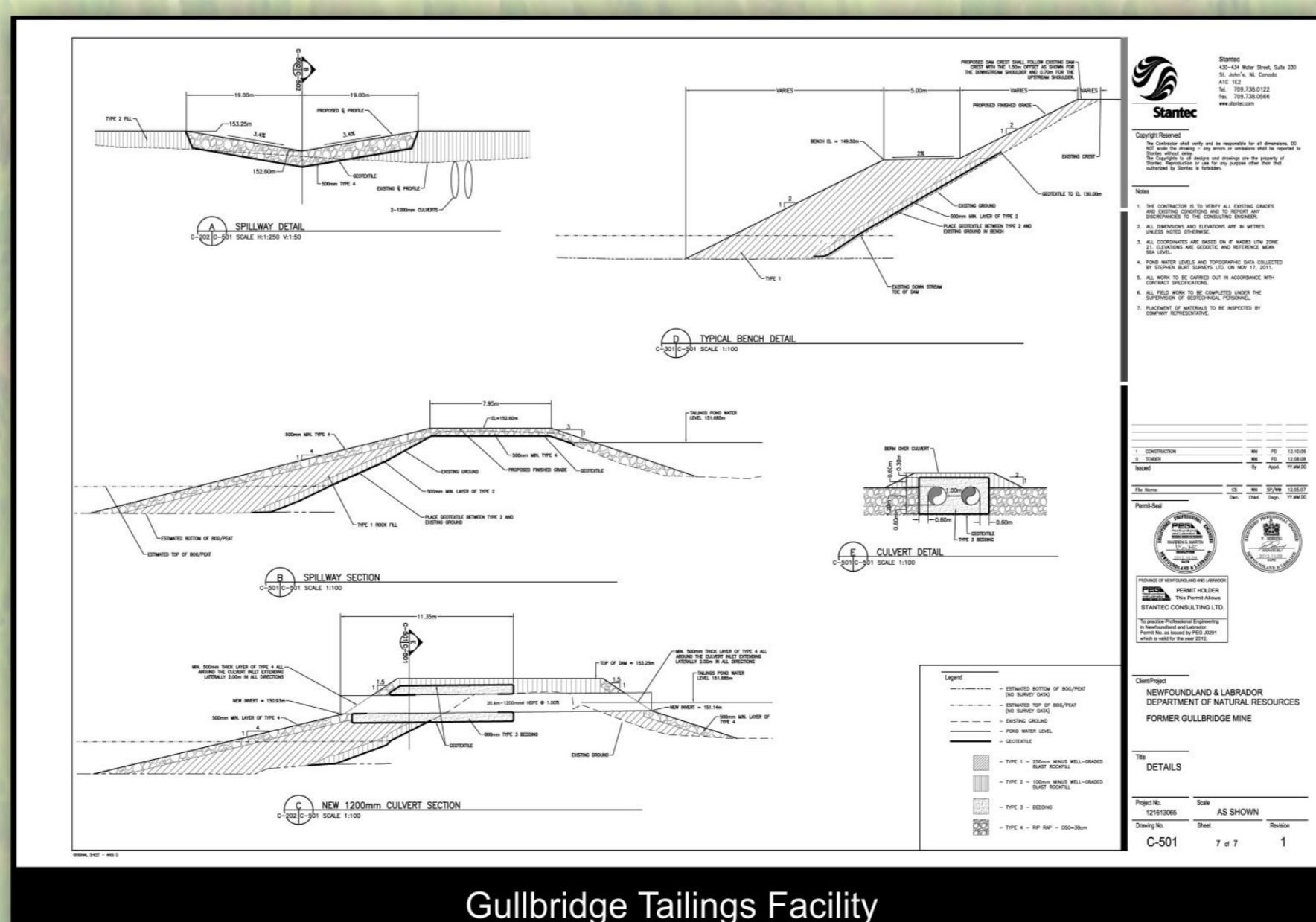
- Emergency spillway construction
- Culvert replacement
- Construction of a stabilization toe berm (approximately 5m X 5m) across the entire downstream slope of the dam
- Flattening of upstream and downstream slopes



Collecting Gullbridge Tailings Samples



Gullbridge Tailings



Gullbridge Tailings Facility



Information Posted on Gullbridge Access Road