

REPORT ON URANIUM BONANZA!

Amid story-book lakes and forests in Central Ontario is the richest known uranium discovery in the world. Uranium, in the billions of dollars, inside 11 mines in the Elliot Lake area - and we go below to watch the complicated mining operations. The metallic element had limited uses before the atomic age, but with the discovery of uranium fission, the boom was on - and likewise the bonanza in Canada. You are watching operations leading to the refining of the rich ore. At the atoms-for-peace conference in Geneva, technical and scientific papers reveal how uranium machinery is producing electric power in increasing quantities, stepping up the world demand for nuclear fuel. 12 mills treat over 35 thousand tons of ore each day here. So little wonder everything is booming at Elliot Lake. A small city is carved right out of the forests - home for Canadian-born as well as new Canadians; Italians, Germans, Hungarians, Czechoslovakians, Yugoslavs: all reaping the harvest of the energy fuel of the atomic age. The population of Elliot Lake is reaching 25 thousand; shopping areas mushroom out of the wilderness - stores, and new movie houses - much like your own suburban area. Boom town in the Uranium Capital of the World.



A NATIONAL FILM BOARD

10/30 973
Monday 8 Sept.
Release

THE NATIONAL FILM BOARD OF CANADA, MONTREAL

Set-up: Isabel Kehoe.
Camera: John Gunn

Production No. 58-322-4

Mundy

15th

Cable Code: "URANIUM"
Cable Address: Newsreels.
Canadafilm, Montreal.

BONANZA IN BILLIONS

A CITY IS BORN

ELLIOT LAKE - URANIUM CAPITAL OF THE WORLD

URANIUM - ENERGY FUEL OF ATOMIC AGE.

Elliot Lake, Ontario.

Among picture-like forests and lakes and wealth-laden rocks in Central Ontario a bonanza in billions is being drilled out of the richest known uranium find in the world. A load of wealth-in-the-raw that is reason for building Canada's newest city - Elliot Lake.

With daring, foresight, hard labour, and courage, thousands of Canadians are building a model community while others are drilling and milling the energy fuel of the atomic age.

In July, 1953, the word Uranium electrified all of Canada and the staking race was on.

Today 11 mines dot the area around Elliot Lake - (listed at end of dopesheet) with production contracts already totaling over one billion one hundred million dollars. The annual rate of production from this district will be over \$220 million from the 12 mills treating over 35,000 tons of ore per day.

Over \$60 million will be paid to workers each year, hundreds of millions (over \$265,000,000) having been spent or committed in equipping the mines and mills.

At Pronto Uranium, the first mine in the area, our camera crew went underground to the lowest level, where miners with air leg drills burrow into the hard rock to prepare for blasting. Further along a crew operates a slusher motor which pulls a scraper along the rock bed picking up the broken ore and pushing it down an immense hole to a lower level where it is loaded into trains. In another section a "mucker" scoops up the loose rock and throws it into mine cars drawn by a diesel locomotive.

Through the low ceiling tunnels the train ends up at the "grizzly" where the cars automatically dump their load.

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The rock is brought up from the mine in elevator ore buckets and dumped into huge hoppers where it starts its way through the refining processes of the mill. Through huge chains, along continuous belts, to crusher jaws, into immense vibrators, the ore is finally broken down into finely crushed rock. Mixed with water it becomes a thick mud. Finally mixed with chemicals the impurities are removed from the ore and a yellow concentrate emerges - worth \$1,100.00 a barrel -- ready for shipment to the U.S. for its multi-purpose use in defence and peace.

At the townsite, Elliot Lake, carved straight out of the forests, thousands of new Canadians- Italian, German, Hungarian, Czechoslovakian, Yugoslavians - as well as Canadian born men and women, are working round the clock to build Canada's newest and most modern small city. Two years ago not one building stood in this selected area. The community, however, just didn't grow - It was planned by a well organized group of business men from the mines who considered every single aspect of Canadian living. Bob Hart - Head of the Rio Tinto Development area - one of the first engineers in the area - soft spoken, lanky - a meticulous perfectionist, surveys one of the construction jobs with two of his engineers. This man is the force behind the building of the town.

The community was planned as a city of predominately single-family, self-contained houses on lots large enough to provide living space both in and out of doors. A thousand homes are already built in just over a year - another thousand are planned. Hundreds of apartments in small units are under construction. The huge shopping area, a model of planned perfection, is always crowded with cars and business people. New stores are being completed daily - drug, furniture, garment, grocery stores, banks, investment houses, a newspaper, law firms, the finest European restaurants to cater to the tastes of the new Canadians and tempt the palates of Canadian born.

In 1957 there were 3,000 permanent residents in the area and about 7,000 construction workers housed in camps.

By the end of this year the population of Elliot Lake is expected to reach 25,000.

Schools, a hospital, police and fire service were among the first municipal responsibilities to receive attention. Elliot Lake because of its newness is a frontier - with most of the frontier hardships removed.

The thrill of finding a beautiful booming Canadian city where nothing existed two years ago is hard to describe.

The pioneering spirit of hard working men and women - the planning and foresight of a group of advanced, thinking Canadian businessmen have truly made Elliot Lake the Uranium Capital of the World!

Mines in Elliot Lake Area.

Algom. Quirke	Northspan Buckles
Algom. Nordic	Milliken Lake Uranium
Pronto Uranium	Stanleigh
Northspan Lake Nordic	Stanrock
Northspan Spanish American	Can-Met.
Northspan Panel,	

SHOT LIST - URANIUM MINING, ELLIOT LAKE - Prod. #58-322-4

1. Aerial - Northern Ontario - Pronto Uranium Mine
2. MS Car driving into Pronto Uranium
3. MS Head frame
4. MS Miners entering mine car.
5. MS " " mine car.
6. MS Group of miners waiting.
7. MS Door of shaft closed.
8. MS Miners coming out of shaft at bottom.
9. CS Supervisor.
10. MS Miners going to work.
11. MS Miner working with large mechanized shovel.
12. CS Miner
13. MS As in 11.
14. CS Miner.
15. MS Miner operating grizzly.
16. MCS Travelling shot, mine car.
17. MS Men on car.
18. MS As mine car dumps ore.
19. MCS Large pieces of ore broken up by huge chains.
20. CS Technician.
21. CS Chains.
22. MS Ore on conveyor belt.
23. MS Ore being broken up in hopper.
24. MS Refinery
25. MCS Ore being broken down.
26. MS Smaller ore particles on conveyor belt.
27. MS Roller - conveyor belt.
28. MS Rotating drums
29.)
30.) Montage further refining operation
31.)
32. MLS Refinery - huge drums.
33. MS " " - technician working.
34. CS Technician scraping uranium from roller.
35. MS Technician packing uranium in cans.
36. MS Cans of uranium.
37. MLS Pan housing area - Elliot Lake
38. MS Housing.
39. MCS House being painted.
40. CS Man painting.

41. MS Housing.
42. MLS Drilling
43. MCS Man drilling.
44. CS Man
45. CS Hands on drill.
46. MS Pan area to be blasted.
47. MS Children watching.
48. MS Explosion.
49. MS Men working on scaffolding. (const. for new apartments)
50. MLS " " " pan to another construction area.
51. MS Pouring concrete
52. CS Worker
53. CS Supervisor
54. MS From still photograph of Elliot Lake one year ago.
55. MS Pan from trees to same area today.
56. MS Busy street.
57. MS Cars parked.
58. MS Theatre under construction.
59. MS Group of men - two men standing, tilt down to Mr. Hart, ^{Bob} District Manager, the man responsible for the planning of the town.
60. LS Construction of new department store.
61. MS " " " " "
62. CS Man hammering.
63. MS Furniture store being stocked.
64. CS Student engineer surveying.
65. CS Another student engineer.
66. MCS Cars in shopping area.
67. MS People along street.
68. MS Shopping.
69. MS New delicatessen.
70. CS Restaurant sign.
71. MCS Clothing store.
72. MS Street in downtown area.
73. Aerial Elliot Lake.