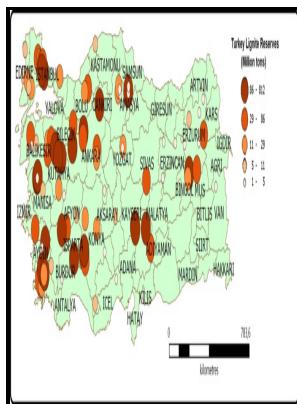


# Raioactivity in Western Canadian Coals.

## s.n - Coal in Canada



Description: -

-Raioactivity in Western Canadian Coals.

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Paper (Geological Survey of Canada) -- 70-52Raioactivity in  
Western Canadian Coals.

Notes: 1

This edition was published in 1970



Filesize: 34.65 MB

Tags: #Characteristics #and #composition #of #fly #ash #from #Canadian #coal

## Coal in Canada

The four new wells drilled for the DEEP project are the deepest ever drilled in Saskatchewan, reaching more than 3.

## Gasification reactivity of some Western Canadian coals

The remaining four million tons was used in the steel, concrete and other industries. The average ash yield of coal burned in the United States is approximately 10 weight percent. With its first discovery well drilled in 2018, DEEP aims to complete feasibility studies in 2020 and send electrons to the grid by 2022.

## Radioactive Elements in Coal and Fly Ash, USGS Factsheet 163

Fuel, 86 16 , 2509—2513. The approach typically involves 1 ultra sensitive chemical or radiometric analyses of particles separated on the basis of size, density, mineral or magnetic properties, 2 analysis of chemical extracts that selectively attack certain components of coal or fly ash, 3 direct observation and microbeam analysis of very small areas or grains, and 4 radiographic techniques that identify the location and abundance of radioactive elements. Location: Ryley, Alberta Owner: Dodds Coal Mining Company Ltd.

## Coal in Canada

World energy outlook report 2017.

## Naturally occurring radioactive material

Most thorium in coal is contained in common phosphate minerals such as monazite or apatite.

## Coal in Canada

For example, the Chattanooga Shale that occurs in a large portion of the Southeastern United States contains between 10 and 85 ppm U.

## **Mineralogy, elemental composition and modes of occurrence of elements in Canadian feed**

The open-pit project supplies some of the best low volatile Pulverised Coal Injection PCI coal in the world, providing a coveted resource for steelmakers.

### **Naturally occurring radioactive material**

These radioactive elements include uranium U, thorium Th, and their numerous decay products, including radium Ra and radon Rn.

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