

Nickel Co., Limited, at 6.30 a.m. March 28th. Death was due to carbon monoxide poisoning, the bodies showing to a very marked degree the post-mortem cherry red discoloration.

Peter Rofel, an Austrian, aged 45, married, employed as a keeper at No. 3 blast furnace of the Algoma Steel Corporation, received burns about the face and body on February 1st at 5.50 p.m., which resulted in his death at the Sault General Hospital on February 4th, at 2 p.m. The deceased had been in the employ of the company around the blast furnaces for three years.

James Doyle, a Canadian, aged 20 years, unmarried, employed as a brakeman for the Algoma Steel Corporation, received injuries while riding on the footboard of an engine in the blast furnace yard on Thursday, February 5th, at 11.15 a.m., which resulted in his death at the Sault General Hospital at 1.15 p.m. of the same day.

Robert Lester Brooks, aged 47, Canadian, married, and Ernesto Tisiott, aged 16, Italian, single, were asphyxiated, and found in the second or large bell of the blast furnace at the works of the Canadian Furnace Co., Ltd., Port Colborne, about 8 p.m. on Tuesday, January 13th.

H. Benoit, a Canadian, aged 20, single, employed as a brakeman in the smelter yards of the Mond Nickel Co., Coniston, was injured in a wreck at 5.50 p.m., January 15th, receiving injuries which resulted in his death at the Sudbury Hospital on the morning of January 18th.

Francesco Sicilia, an Italian, aged 35, married, employed as a laborer in the clay pit of the Dominion Sewer Pipe Co., at Aldershot, was instantly killed at 7 p.m., March 13th, by being crushed under the electric shovel when it overturned.

Dennis McCluskey, English-speaking, aged 22, single, employed as a teamster by contractor John Mullin, of Toronto, was instantly killed by a fall of ground in the gravel pit of Wesley Ellins, Scarlett road, York township, at 1.30 p.m., March 14th.

Victor Pevi, Finn, unmarried, aged 33, received injuries on March 4, 1914, about 11 a.m., in the quarry of the Intercities Quarry Co., near Port Arthur, from which he died the following day.

Joseph Bowers, a native of England, aged 36, married, living with his wife and family of five children at Glenburnie, and employed as steam truck engineer by the Kingston Sand & Gravel Co., was struck by a large lump of frozen sand at the pit of the company, 11 a.m. March 3rd, receiving injuries which caused his death three hours later.

On January 13th, in the clay pit of James Pears & Son, 118 Eglinton avenue, Toronto, George Woodhouse, a Canadian, aged 50, married, employed as a laborer, and Henry Martin, a Canadian, aged 35, married, laborer, were killed by being struck by a fall of clay which was being undermined.

Edward Smith, a Canadian, aged 35, married, employed as foreman at the Russell Brick works, 40 Blake street, Toronto, was instantly killed by a fall of clay at 2.30 p.m., February 25th.

The Canadian Pacific Railway Co. is preparing to complete the work of standardizing the Kaslo & Slo-can Railway, well advanced, before the winter's snow became too deep to allow of work being continued. Shipment of ore from the Utica mine will be resumed as soon as transportation shall be provided.

BOOK REVIEWS

A TEXT-BOOK OF GEOLOGY—By James Park, Professor of Mining in the University of Otago, N.Z.—Charles Griffin & Co., Ltd., London—Price, Fifteen Shillings.

This book of 554 pages has been written for use in mining schools, colleges and secondary schools. It comprises a systematic course of lectures, carefully revised and expanded. It is well illustrated with half-tones and drawings.

There are three parts.

Part I. (pp. 1-299) deals with first principles, scope of geology, denudation of the land, work of stream and rivers, snow and glaciers, geological work of the sea, rock-building, rock structures, earth movements, joints, faults, cleavage, composition of the earth's crust, rock-forming minerals, sedimentary rocks, volcanoes and volcanic action, igneous rocks, plutonic, hypabyssal and metamorphic rocks, fossils, conformity and unconformity.

Part II. (pp. 300-503) is historical. The several eras and systems are taken up in order, the chapters being headed: History of the Earth, Eozoic Era, Paleozoic Era, Ordovician System, Silurian System, Devonian System, Carboniferous System, Perinian System, Mesozoic Era, Triassic System, Jurassic System, Cretaceous System, Canozoic or Tertiary Era, Miocene and Pliocene, Pleistocene and Recent, Development of Surface Features.

Part III. (pp. 504-550) is devoted to economic geology and the elements of field geology and geological surveying.

Appendix A gives method of converting magnetic bearings to true bearings. Appendix B describes the determination of strike and dip from contoured maps.

There is a short bibliography and a voluminous index.

COMPRESSED AIR—A Treatise on the Production, Transmission and use of Compressed air—By Theodore Simons, E. M., C. E., Professor of Mining Engineering, Montana State School of Mines—McGraw-Hill Book Co., 1914—Price \$1.50—Fore Sale by Book Department, Canadian Mining Journal.

In this book of 167 pages Professor Simons presents the principles underlying the production, transmission and use of compressed air, without attempting extensive descriptions of all existing types of compressors and the countless appliances using compressed air.

It is designed essentially as a text-book, to give the student a thorough grounding in principles, with emphasis on practical applications, and problems to make clear and fix the subject in the student's mind.

There are four parts. The first three are devoted respectively to production, transmission, and use of compressed air. The fourth deals with air compressors and accessories. The contents are indicated by the following chapter headings:

The Physical Properties of Air. Definition of Terms Used in Discussing Compressed-Air Problems. Behavior of Air Undergoing Compression and Under the Application of Heat. The Compression of Air in Air Compressors. Theory of Air Compression. Clearance, Volumetric Efficiency, Capacity, Speed, Mechanical Efficiency of Compressors. Two-Stage and Multi-Stage Compression, also Known as Compound Compression. Effect of Altitude on Air Compression. The Compressed Air Indicator Card. Cooling Water Required in Compression; Efficiency of Compressor Plant; Air-Compressor Explosions.