

Clay and Shale Deposits of the Western Provinces.—By H. Ries and J. Keele. Memoirs No. 65 and 66 of the Geological Survey, Department of Mines.

Chemical and Biological Survey of the Waters of Illinois.—University of Illinois Bulletin. Prepared by Edward Bartow. 478 pp.; illustrated; 6 x 9 ins.; paper.

Mineral Production of Canada, 1913.—Annual report of John McLeish, B.A., chief of the division of mineral resources and statistics, Dept. of Mines. 363 pp.; 6 x 9 ins.

Clay Deposits Near McMurray, Alta.—A 16-page report, prepared by Sydney C. Ells, B.Sc., for the Mines Branch, Department of Mines, giving location and results of tests of many clay samples.

Moose Mountain District, Southern Alberta.—Memoir 61, Geological Survey, Department of Mines. Prepared by D. D. Cairns, relating to coals, natural gas and oil, general and descriptive geology, etc. 62 pp. with maps.

Trinidad and Bermudez Lake Asphalts.—By Clifford Richardson. Issued by Barber Asphalt Paving Co., Philadelphia. A 29-page illustrated booklet describing the source and nature of these asphalts and their use in highway construction.

Lands, Forests and Mines, Ontario.—Report of Minister for year ending October 31st, 1914, containing reports of surveyors, park superintendents, etc., and the report also of J. F. Whitson on the construction of roads in Northern Ontario.

Metallurgical Treatment of Low Grade and Complex Ores of Utah.—A preliminary report, U.S. Bureau of Mines, dealing with the problem of Utah's low grade ore; situation and extent; chemical characteristics and metallurgical treatment. 39 pp.

Investigation of the Peat Bogs and the Peat Industry of Canada, 1911-1912.—By A. B. Anrep, Mines Branch, Department of Mines. This bulletin covers detailed examination of nine peat bogs in Quebec and preliminary investigation of several near Sudbury and Sellwood in Ontario. Fully illustrated with photos, maps and drawings.

Hydro-Electric Power Commission (Ontario).—7th annual report for year ended October 31st, 1914, dealing with the construction and operation of the transmission systems; details of municipal service and contemplated projects, and hydraulic investigation and construction. 432 pp.; 6 x 9 ins.; fully illustrated with charts, photos and maps.

The Condensation of Gasoline from Natural Gas.—By G. A. Burrell and others. U.S. Bureau of Mines, Bulletin 88. It deals with the occurrence of oil and gas; the production of gasoline in various parts of the United States; chemistry of natural gas; testing for gasoline; plant methods; equipment, etc.

An Extension of the Dewey Decimal System of Classification Applied to Engineering Industries.—A revised edition of Bulletin No. 9, Engineering Experiment Station, University of Illinois. It explains the decimal system, its uses and advantages and gives a full classification and relative index with its variations and modifications. 117 pp.; 6 x 9 ins. Price, 50c.

National Domain in Canada and Its Proper Conservation.—By Dr. Frank D. Adams, McGill University. His presidential address before the Royal Society of Canada, 1914. It gives a general statement concerning the physical features and natural resources, and further

statements respecting agriculture, forest products, water powers, mines and minerals, fisheries and fur trade. 48 pp.; illustrated; 6 x 9 ins.

Willans & Robinson, Limited, Rugby, Eng.—39th annual report presented at general meeting of the company on May 6th, showing net profit of about \$85,300; announcing that what disturbance the war caused in their usual business had been early and largely supplanted by engagement in government service, and observing that up to April 27th about 20% of the company's male employees had joined H.M. forces.

CATALOGUES RECEIVED.

When a Fuse Blows.—A 72-page booklet issued by the Cutter Co., Philadelphia, describing I-T-E circuit breakers of various types and capacities, with illustrations of numerous installations.

Oil Engines, Diesel Type.—A 16-page illustrated bulletin issued by Canadian Allis-Chalmers, Limited, describing their oil engine, which is of the horizontal type using the open fuel injection nozzle.

Automatic Water Finders.—Leaflets issued by Edwin A. Mansfield & Co., New Brighton, Cheshire, England, relating to testimonials from users of their patent automatic water finders in the United States and Canada.

Wooden Pipe Tanks, Etc.—A 32-page illustrated catalogue issued by the Vancouver Wood Pipe and Tank Co., describing wooden pipe in service, specifications for it and the construction also of wooden tanks and silos.

Air Compressors.—Leaflets 69 and 70 of Reavell & Company, Limited, Ipswich, England, descriptive of hand, oil engine, or electrically driven air compressors for gas engine starting, motor garages, high pressure testing, etc.

Single Roll Coal Crusher.—Bulletin No. 141, issued by the Jeffrey Manufacturing Company, of Columbus, Ohio, giving views, drawings, specifications and prices of this machine designed for use in various industries, chiefly power houses, railway coaling stations, etc.

Wagon and Truck Loaders.—Bulletins Nos. 165 and 166, containing illustrations, specifications and prices of standard and heavier types of loaders for various materials, including coal, crushed stone, sand, gravel, clinker, fertilizer and ashes. Types described are portable and self-propelling.

Cranes.—A 16-page illustrated catalogue issued by Henry J. Coles, Limited, London Crane Works, Derby, England, descriptive of steam traveling, portable, stationary, stacking, shunting, gantry and other types of cranes of different sizes and capacities. Also gas and oil engine and electrically driven cranes.

Shale Bed to Road Bed.—A handsomely illustrated booklet issued by the Metropolitan Paving Brick Co., Canton, Ohio, describing the successive processes in the manufacture of paving brick, illustrating the machinery and plant involved and giving numerous views of streets where the product has given many years of service.

The Pitometer Co. announces the removal of its office from 220 Broadway to larger quarters at 25 Elm Street, New York City, corner of Duane Street. The shop formerly located at 1 West Broadway has also been removed to the new address.