

and value of the gold-bearing high level gravels remaining in the banks of the creeks.

Mr. R. G. McConnell, who has had several years' experience in Klondike, will be in charge of the party, and will be assisted by Messrs. Joseph Keele, F. H. Maclaren and O'Farrell. They will make accurate surveys of the banks by cross-sections and by digging test pits and drifts at close intervals along the sides of the valleys; in this manner, assisted by records of claims now being worked they will collect information sufficient to arrive at a close approximation of the cubic contents of the gravels remaining in the benches.

The valuation will be determined from the data already afforded by worked and working claims, supplemented by panning of the dirt from test holes and trenches.

Mining engineers who have visited the district claim that from 6 to 8 cents per cu. yd. would give a payable return, and, in comparison to the small returns—sometimes only 2 and 3 cents—that are made profitable in the United States and New Zealand, these figures seem reasonable enough. Much, however, depends on the cost of transporting the water, and the frozen nature of the ground; the catchment basin is 60 miles from the area to be treated, the cost of pipes, dams and flumes will be immense, and until Mr. McConnell furnishes his report, it would be unwise to take a figure on which estimates could be based.

BOOKS, ETC., RECEIVED.

Minerals and How They Occur—A book for secondary schools and prospectors. By Willet G. Miller, Provincial Geologist of Ontario; formerly Professor of Geology in the School of Mining, Queen's University, Kingston, Canada. Pp. 230. Published by The Copp, Clark Co., Ltd., Toronto, Ontario.

Nova Scotian Institute of Science—Papers from Proceedings and Transactions of the Institute. *The Sunken Land of Bus*. By Dr. Henry S. Poole, Halifax, N.S. (2) *The Age of the Conglomerate Capping the Cambrian Rocks of Nova Scotia*. By Dr. Henry S. Poole. (3) *The Question of Subsidence at Louisbourg, Cape Breton*. By Kenneth McIntosh, C.E.; with introductory paper, *Subsidence of the Atlantic Coast of Nova Scotia*, by Dr. H. S. Poole.

First Annual Report of the Iowa State Highway Commission.—For the year ending July 1, 1905. Pages 74; illustrated by numerous half-tones and map.

Bulletin of the University of Washington.—Catalogue for 1905-6. Pages 234.

Notes on the Rocks and Minerals of Michigan.—By the Department of Geology of the Michigan College of Mines. Giving general character of minerals, mode of occurrence and distribution of rocks of Michigan, specific description of minerals and rocks, and mining and treatment of ores in Michigan. Pages 105; illustrated with geological map, cross section, etc.

American Institute of Mining Engineers.—Bi-monthly Bulletins, March and May, 1906. Pages 314 and 508; illustrated with half-tones and diagrams.

Department of the Interior, Canada.—

Report of the Rocky Mountain Park of Canada. Part V. Annual Report, 1905. By Howard Douglas, superintendent. Pages 44; illustrated with half-tones, showing Rocky Mountain scenes, etc.

Preliminary Report of the Experiments made at Sault Ste. Marie, Ont., under Government auspices in the Smelting of Canadian Iron Ores by the Electro-thermic Process. By Eugene Haanel, Ph.D., Dominion superintendent of mines. Pages 27; illustrated with numerous half-tones.

United States Geological Survey.—

Report of the operations of the Coal-Testing Plant of the United States Geological Survey at the Louisiana Purchase Exposition, St. Louis, Mo., 1904. Part I.—Field Work, Classification of Coals, Chemical Work. By

Edward W. Parker, Joseph A. Holmes, Marius R. Campbell.

Report on the operations of the Coal-Testing Plant of the United States Geological Survey at the Louisiana Purchase Exposition, St. Louis Mo., 1904. Part II.—Boiler Tests. By Edward W. Parker, Joseph A. Holmes, Marius R. Campbell. Pages 979; illustrated by numerous diagrams.

Report on the operations of the Coal-Testing Plant of the United States Geological Survey at the Louisiana Purchase Exposition, St. Louis, Mo., 1904. Part III.—Producer-gas, Coking, Briquetting, and Washing Tests. By Edward W. Parker, Joseph A. Holmes, Marius R. Campbell. Pages 1473; illustrated by half-tones and diagrams.

Report of Progress of Stream Measurements for Calendar year 1905. Prepared under the direction of F. H. Newell. Parts I, II, III, IV, V, and VII; with accompanying map to each report.

Weir Experiments, Coefficients, and Formulas. By Robert E. Horton. Pages 186; illustrated by numerous diagrams.

The Underflow in Arkansas Valley in Western Kansas. By Chas. S. Slichter. Pages 87; illustrated by diagrams and half-tones.

The Geology and Water Resources of the Eastern Portion of the Panhandle of Texas. By Chas. N. Gould. Pages 59; illustrated by half-tones and map.

Underground Water in the Valley of Utah Lake and Jordan River, Utah. By G. B. Richardson. Pages 75; illustrated by half-tones and maps.

Geology and Water Resources of Oklahoma. By Charles Newton Gould. Pages 173; illustrated by half-tones, diagrams and maps.

Dictionary of Altitudes in the United States (Fourth Edition). Compiled by Henry Gannett. Pages 1072.

Taconic Physiography. By T. Nelson Dale. Pages 49; illustrated by half-tones, diagrams and maps.

Corundum and its Occurrence and Distribution in the United States. (A revised and enlarged edition of Bulletin No. 180.) By Joseph Hyde Pratt. Pages 175; illustrated by half-tones, maps and diagrams.

AN INCREASING OUTPUT OF COAL.

The output of coal at the Crow's Nest Pass Coal Co's collieries during May exceeded that of any other month in the history of the company. The shipments from the two collieries the company is operating—its Carbonado colliery has lately been closed—were:

From Coal Creek colliery.	59,734 tons.
From Michel colliery.	33,473 "

Total	84,207 "
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The highest tonnage of any previous month was that of March last when a total of 81,273 tons was reached. Shipments of coke during May were:

From Fernie ovens	10,426 tons.
From Michel ovens	11,764 "

Total.	22,190 "
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Slack from Coal Creek mines is burned at the Fernie ovens.

Mr. Lawrence M. Lambe, vertebrate paleontologist of the Geological Survey Department of Canada, will, it is stated, be engaged during the ensuing summer in examining certain Tertiary deposits of the Southern Interior of British Columbia, with a view to gaining better knowledge of their exact geological horizons. The fossils he shall obtain during the season's work will, it is hoped, form a desirable addition to the collections of the Survey, to be available later for exhibition purposes in the new building at Ottawa of the Geological Department.