

reported in the assays from this district. The Roslyn Basin is the most productive coal field in the Pacific coast states and it is included mostly within this quadrangle. The coal is a coking, bituminous coal, well adapted for steam raising and gas making. Its clean character and its high percentage of lump fit it for shipment as well as for local use.

UNIVERSITY AND EDUCATIONAL NEWS.

IN the thirtieth general assembly of Iowa, recently adjourned, an attempt was made to remove the departments of engineering from the State University at Iowa City to the State College of Agriculture at Ames. The measure was promptly killed by the vigorous action of the alumni and other friends of the university and an appropriation of \$50,000 was made for erecting either the first of a new series of engineering buildings or the wing of a single large engineering hall. An additional appropriation was made for constructing a dam in the Iowa River which will yield on the average over three hundred horse power. This power will be used for lighting and ventilating the university buildings, besides supplying power to the various engineering shops and laboratories. Plans for the proposed structures are being made and work will be commenced at the earliest possible date. An additional \$5,000 was appropriated for the better equipment of the bacteriological laboratory, which sum will be increased from the general support fund of the university. Ground will at once be broken for a new museum building to cost about \$225,000. The present natural science building of brick, completed in 1885 at a cost of \$45,000, will be moved bodily to a new site to make room for the proposed structure, this being in accordance with plans formed several years since for the development of the university buildings and grounds. The new medical buildings are nearing completion and are already partially occupied. All the new buildings are massive fireproof structures, finished in Bedford stone and thoroughly modern in every detail. The total income of the university for the next biennium will exceed \$960,000, about one third of which must be used for building.

ACCORDING to the New York *Evening Post* the Association of Class Secretaries of the Massachusetts Institute of Technology, which is active in opposition to the proposed union of the Institute with Harvard University, reports that over 2,000 of the alumni have signed the petition on the subject addressed to the corporation. Ninety-five per cent. of the graduates approached on the subject sign the adverse petition without qualification, or with unimportant modification; three per cent., while advocating the independence of the Institute, decline to sign because they rely on the judgment of the corporation, or consider the petition too sweeping; and two per cent. decline to sign because they believe that some combination of effort may be possible, or that a union with Harvard is desirable.

THE Cornell College of Agriculture is to add a school of landscape gardening to its curriculum.

WE learn from the London *Times* that the president of the board of education has appointed a departmental committee to inquire into the present working of the Royal College of Science, including the School of Mines; to consider in what manner the staff, together with the buildings and appliances now in occupation or in course of construction, may be utilized to the fullest extent for the promotion of higher scientific studies in connection with the work of existing or projected institutions for instruction of the same character in the metropolis or elsewhere; and to report on any changes which may be desirable in order to carry out such recommendations as they may make. Sir Francis Mowatt, G.C.B., is chairman of the committee, and Mr. J. C. G. Sykes, assistant secretary in the branch of the board which deals with evening schools, technology and higher education in science and art, has been appointed secretary to the committee.

DR. WILLIAM STIRLING, professor of physiology in the University of Manchester, has been appointed dean of the Medical School.

DR. R. BRAUNS, professor of geology and mineralogy at Giessen, has been called to Kiel.