Is there a man in the Institute who is not going to Providence to-morrow? If there is such a rare person, it is up to him to make his utmost efforts to be in it, if he is interested in the fun. The whole student body is fairly fired with excitement, enthusiasm changes the atmosphere, and the inevitable by word is "Meet you on the special to Providence.

If a man is foolish enough to hesitate about going, the foundation of the launch, he should think of how the track team has been working faithfully all the spring, until every man is eager to give a great exhibition tomorrow. There is no such thing as a day off, and the wet weather has made a real blue.
THE TECH

THE TECH, BOSTON, MASS., APRIL 27, 1911.

Nature and Value of Pencillates.

Pencillates may be described as very coarse graphite, of greyish or black color, which is quarried principally for dental purposes or for use as decorative little sticks. In recent years, however, they have been used widely in small quantities as a raw material for making pencils and other articles requiring hard, brittle materials. The value of pencillates lies in their hardness and their ability to resist wear and tear. They are used in the manufacture of pencils as well as in a variety of other applications, such as the production of graphite rods and shafts for use in industry. The production of pencillates is concentrated in the United States, with the largest producers being located in Pennsylvania, New York, and Georgia. The United States is the largest producer and consumer of pencillates, followed by Canada and Japan. The United States Geological Survey has published a report on the production of pencillates in 1910, which provides valuable information on the industry and its production. This report is an important source of information for anyone interested in the pencillate industry. It describes the production methods, the use of pencillates, and the economic importance of the industry. The report also contains statistical data on the production of pencillates in the United States and other countries, as well as a discussion of the future prospects for the industry. The report is a valuable resource for anyone interested in the pencillate industry and its products.
THE PEGMATITES OF MAINE.

Granite Rocks that Yield Feldspar, Mica, Quartz, and Gems.

The possibility of increasing the production of feldspar, mica, tourmaline, and beryl in Maine is considered in a report on the "Geology of the pegmatites and associated rocks of Maine," by E. S. Bastin, which has been published by the United States Geological Survey as Bulletin 445.

The pegmatites of Maine are a group of large, irregularly shaped bodies of igneous rocks which are found in a number of localities throughout the State. These rocks are composed of feldspar, quartz, mica, and other minerals, and are often associated with tourmaline, beryl, and other gemstones.

Maine leads in value of feldspar produced, though a slightly larger quantity is mined in Connecticut. Feldspar is used principally in the pottery trade but is also employed in the manufacture of optical glass, as well as in scouring powders and as a flux to bind together the minute particles of emery and carborundum wheels. Ground pegmatite is used in pottery grit and refractory material.

Feldspar for Fertilizer.

Much interest has recently been aroused in the use of potash feldspar as a fertilizer. Potash, an important plant food, which in fertilizers, has usually been supplied in the form of wood ashes or imported from Germany in easily soluble potash salts (sulphate, carbonate, or chloride). The Department of Agriculture has recently made experiments to determine the availability of slowly ground potash feldspar as a substitute for the more soluble potash salts. The evidence so far obtained appears to indicate that under certain conditions, with certain crops feldspar can be used as well or better than if it is ground sufficiently fine. On the other hand, it is highly probable that under other conditions the addition of ground feldspar to the land would be a useless waste of money. At the present stage of the investigation it would be extremely unsafe for anyone to attempt to use ground rock, except on an experimental scale that would not entail great financial loss.

If further experiment shows that ground feldspar can be used as a fertilizer, it will undoubtedly lead to the utilization of much pegmatite which, because of its low grade and is now discarded at feldspar quarries.

A number of processes have been patented in this country for the utilization of potash feldspar to obtain the more readily soluble potash salts, but none of these have yet been successfully applied on a commercial scale.

Scope of the Report.

Mr Bastin states the geologic relations, mode of occurrence, general features, and composition of the pegmatites, discusses their origin and general distribution, and describes in detail the numerous exposures and quarries. The report can be obtained free by applying to the Director of the Survey at Washington. It contains 113 pages and is illustrated by a map, sections, half-tints, and eight text figures.

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WALTER P. MUTHER, ATHLETIC MANAGER, TECHNIQUE 1911
Walter P. Muther, of West Newton, was yesterday afternoon elected Athletic Editor of Technique 1911. Muther's election is considered a popular one as he has been identified with undergraduate activities ever since his freshman year. Muther is a student in Course I, Civil Engineering. He is a member of Sigma Alpha Epsilon fraternity at 30 Newbury street.

Muther is well known in the realm of Technology basketball as he has been captain of the class teams during the last two years. At the beginning of the freshman year, Muther was an early candidate and member of the class football team. His activity in this direction has continued as he was a member of the Class 1913 football squad this season. Besides football, Muther has been an urgent supporter of Technology baseball work. In his first year, Muther was captain of the class baseball team being elected to the office this season. He was a member of Class 1913 Theban Committee and is a member of the Technology Athletic Association. Muther was also captain of the Technology second varsity basketball team which brought forth much commendable comment from the student body.

IN THE LIMELIGHT
Quite a difference between the Gloucester High School squad and the M. I. T. Baseball, last week.
There was particular class to the small younger, Michel well. Big boys at the Tech — Brown track meet at Providence, Saturday. You're lucky on for that special train, with Michel well. Those Zouaves uniforms were rather attractive.

Can you see the Dean cheering till he couldn't talk on the sidelines at a track meet? He is going to be at Brown to cheer the old joints.
You are the last one that can sign up. How did you know that?

CHEMICAL SOCIETY NOTICE
Nomination papers, signed by five members, for officers of the Chemical Society for next year, will be received at the cage until May 6. — To be elected—President, Vice-President, Secretary, Treasurer, and members of Executive Committee.
L. M. White, Sec.

NOTICE
Institute Committee meeting scheduled for Tuesday, April 25th, postponed till further notice.
D. R. Stevens, Chair.

DRAWING DEPARTMENT
Week of April 26th.
Descriptive Geometry.
Construction 7.
Mechanical Drawing.
Hand-curl Stud. (4 hours)
Examples 5 and 6

Seniors
Are you running a thesis where you have to draw up data sheets? Let us help you do it. Better and will save you time and trouble.
Opposite The Union
The Tech Typewriting Bureau
1387, The Tech Typewriting Bureau.

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