

J. B. Mawdsley

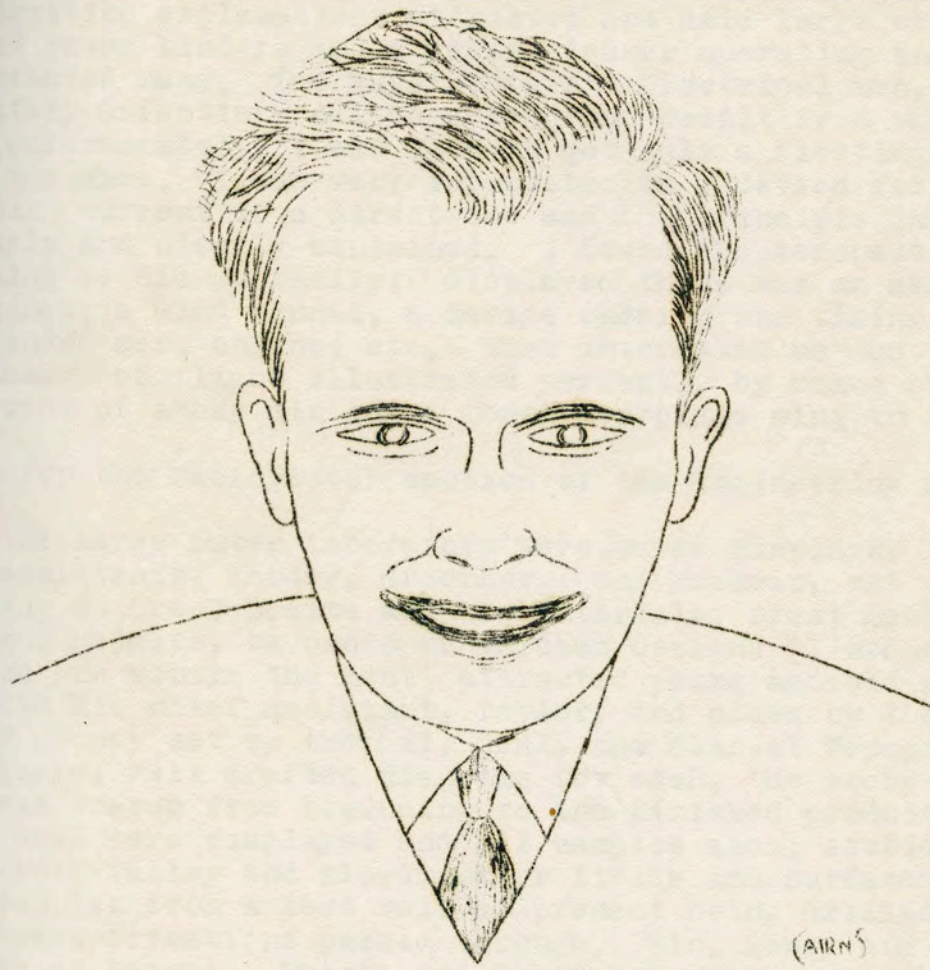
University of

Saskatchewan



Edition No. 7.

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LIONEL LABERGE

"Labby" has been an Ore Gangue member now for four years. Vice-President in 1938-39, and President in 1939-40, he climaxed his career at university by winning a special athletic award this year.

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THE ENGINEERING SHOW

March 4 and 5, 1940

(W. R. Lawson)

From seven to eleven each of these evenings it was Engineering Open Night. Each of the following Engineering Departments participated: Civil, Mechanical, Ceramic, Agricultural, Chemical, Physics, Aeronautics, Electrical, and Geological including Arts and Science students in Geology. There was also a Military Science display.

The Civil Engineers deserve much credit for their excellent models of bridges and for their show in general. Capable students in Mechanical Engineering gave clear, concise explanations and illustrations of the work of machines they operated. The Ceramic men put on a great show: the display of finished products, the potters' wheel, and interesting explanations attracted and held large crowds. The agros had power binders and a grain cleaner operating and their display attracted many. The Physicists and Electrical men, the Chemists and Military Scientists all deserve great credit from what I saw and heard. Unfortunately, I was able to get only a fleeting glance at much of the show. I was very interested in a device for changing an alternating current to a direct one and the principle involved was courteously and clearly explained. I found the Aeronautical show very interesting as did my family; displayed there was an aeroplane body, aero engines, a wind tunnel, a device showing the timing of a multiple-cylinder aero engine, etc. What interested me most was a talk on the theory of flight illustrated perfectly by means of a continuous current of smoky air and a model aeroplane wing in the current.

Now for the Geologists' section of the Engineering Show:

In the large outer laboratory were three displays: Jack Frowning and his assistants, Thoday, Greenberg, and Maclean, set up an excellent display on Ore Deposits and War Materials; ores, machine guns, ammunition, helmets, bayonets of various designs (I wondered which would make one squirm the most) attracted young and old alike. W. Lawson with his chief assistant, Taylor, and aided by the art of Quong and Mooney set up the Oil, Coal, and Glacial Topography display; in five large, well drafted diagrams for each, the story of Oil and of Coal was traced from beginning to the finished product. The chief types of coal were displayed and oil samples also; sections of wells in the Turner Valley and Lloydminster fields and surface maps were shown. Samples from a test well at present being drilled in Saskatchewan showed formations passed through. Vic. Henry and Gordon Beard, with their colleagues, Frantz and Ibbotson, were responsible for an extremely well set up mineral display; physical properties such as hardness, lustre, crystal form, and streak were well illustrated, and explained when further information was requested; they secured from a well known house of jewellers a little display that actually made eyes bulge and mouths gape: a case of twelve or so models, each an exact copy of a world famous diamond including the uncut Cullinan.

In the south lab., H. Robinson and his assistants, Barbara Bain and R. Fulley, put on a palaeontological show, a show surpassed by none. Fossils of all sorts and descriptions were displayed including several ancient skulls. I could only see Robbie's show after the

doors were locked. His display, oratory, enthusiasm, and subject matter, kept a mass of humanity packed tightly around him. And in his absence Barbara and Bob carried on ably.

In the small lab., George Warning and his assistants, Keevil, Keddy, and Peek, had the Petrology display. All the common types of rocks were set out and a large, well thought out diagram showed the spectators the origin of many of the types. Thin sections were also viewed through microscopes and were projected on a screen. Keevil, Keddy, and Peek deserve great credit for the able and interesting talks they gave.

Up we go to the top floor to the Mining and Prospecting section of our show. First, Director Henry Fast gave a well planned talk which served as a necessary prologue to a movie on prospecting and development work. The movie covered the subject cleverly and was very interesting. From there one was directed to the drafting room. A tent, canoe, coniferous trees, camp-fire, and a hardy prospector was the first scene to draw one and to hold all; Laberge, the prospector, gave an interesting talk on his end of the job and his booming voice added the final touch to the getting over of this fact to the spectators: this is a job for 'he-men'. Farther along, Baillie and Caverley well and ably covered the procedure followed when geologists first go into a new area to prospect. I noted that they held the interest of the crowd from first to last and I picked up several useful pointers. Moving along again, I found Warning, Leighton, and Klemmer, illustrating the hand drilling of rocks. I must say that I admired and envied Leighton's courage, for he held the hand drill (in a manner that indicated experience) while the other two took turns at pounding it with a hammer larger than a large post-mall; and this is no reflection on the skill of either of these latter, for each has had field experience in that line. I was leaning over the ropes watching Leighton intently, with my heart skipping every second beat, when a sudden, staccato-like series of explosions nearly lifted me off my feet; then a rushing crowd carried me with it to the diamond drilling machines, the source of this deafening roar. Sandy Sanderson operated one machine and gave an excellent talk on its operation; beside him was an animated, very well planned section of a gold mine. MacPherson and Douglas operated another machine and gave an actual demonstration of drilling into rock with it. Sandy, Bill and Don, were ably assisted and relieved by Akehurst and Chachula: five experienced miners in the mines of Sask. and B. C. Farther along, ores were displayed and beyond them Shirkey and F. Mooney illustrated the method of prospecting by geophysics and showed in a very able manner the principles involved and gave an actual demonstration. Here, too, was the well set up and well illustrated Metallurgical display of Ladd and Cairns.

My only disappointment with the show was this: I should have liked to have had eight or ten hours or more to see it.

I humbly apologize if I have omitted any names of persons to whom credit is due for the Geology part of the show. It was a big show and our department is not a small one, numerically or otherwise. And we give to our professors due credit for passing on to us so much of the knowledge necessary for putting on this show (no A.P. either).

NEWS OF THE GRADS

We believe that the original purpose of the Concentrates was to serve as a sort of "Chain Letter" bearing news concerning the whereabouts and activities of the Grads. With the increasing number of former students spread over the face of the earth the chore of collecting data on them has become progressively more fatiguing. The geology lab. should serve as a sort of clearing house for this information. Remember, if you are interested in knowing the activities of certain of your former associates they are equally interested in knowing about you. Please drop a line to the lab. at least once a year.

In this issue we will publish items on those from whom we have heard since the publishing of the Fall Issue and anyone who is not listed below, we assume is still at the same location as at that time.

- GERALD BROWN, has been taking work in the Geology Dept. at Alberta.
JACK BROWNING, taking Engineering and instructing in Geol. at Sask.
IVAN CHRISTOPHER, in the Engineering Dept. at De Santis.
FRANCIS CROTEAU, believed to be geologist at Fay Mar, south of Timmins.
MURRAY CLARKE, is at present in Saskatoon.
ERLE CRULL, rumored to be around Timmins, Ont.
BARNEY CLARE, went to C.I.M.M. meeting in Winnipeg--no work in sight yet.
DON CREED, working on a machine at Flin Flon. Holidaying in Saskatoon for a couple weeks this spring.
HENRY FAST, attended C.I.M.M. meeting in Winnipeg. Plans on going east.
EDWARD HART, Geologist at Arntfield.
CONRAD HAGE, in Ottawa with the C.G.S. for the winter of 1939-40.
CHARLES ANDREW HOGG, was home with the wife for Xmas. Still can't keep clear of axes. In charge of diamond drilling at Orenada Gold Mines.
NORMAN KEEVIL, doing research work for Lundberg at Waft.
FRANK KLEMMER, taking Engineering at U. of S. Plans for summer not definite.
LIONEL LABERGE, President of the Ore Gangue this year.
WESLEY LAWSON, is employed this year by the Department of Natural Resources in logging the well samples obtained from the drillers of the province. The winter being fairly open, with not much snow and fairly mild weather, has been reflected in the number of samples received for testing and correlation purposes; this has given Wes considerable experience in that field.
STANLEY MALOUF, probably will have completed Ph.D. requirements by this spring.
GEORGE NEELY MCCRE, in charge of a diamond drilling and development program for C.M. & S. this spring on the Preview Claims at Lac La Ronge.
ALBERT ROSS, present address, Timmins, Ont.
DOUGLAS MACKAY, spent Christmas in Saskatoon. Says that Queen's was the only place teaching geology nowadays.
GORDON MCDUGALL, Stope Boss and safety engineer at Matachewan this spring.
ROBERT NORRIS, finished training on March 1st. Now listed for active duty either instructing or on coastal patrol and convoy activities.
JAMES PARRIS, visited the lab. at Christmas. Lieutenant in the Royal Canadian Engineers.

- LEW PARRE3, Now on the Engineering staff at Coniaurum.
ROBERT FETTIGREW, at Matachewan Gold, Ont.
WILLIAM ROBINSON, making good use of a Siscoe Scholarship this year.
WILLIAM SANDERSON, instructing in a number of Engineering classes this winter. Has accepted a job at Sherritt-Gordon.
JAMES SCOTT, with Lunenburg in Nova Scotia investigating a tungsten property for Siscoe Gold Mines Ltd.
GEORGE SHAW, will probably receive his Ph.D. this spring.
MELVYN THOMPSON, still in Africa. The outbreak of war threw a monkey wrench into his marriage plans, also his 'round the world trip. Mel is still positive that there is "gold in them thar hills".
ERLING THORSON, making good use of Siscoe Scholarship at McGill.
GLEN THRALL, at the University of Toronto.
JOHN TIBBITT, spent the winter near Yellowknife and reports fairly pleasant social activities.
LAURENCE TRENHOLM, at McGill taking Masters. To go back to Belleterre in spring.
GEORGE WARNING, instructing in Geology at U. of S. Plans for summer not definite.
JAMES WEIR, the specimens for his research have been held up due to the war. Doing Foraminiferal Research in connection with Harvard University.
JOHN WATLEY, will spend most of the summer on field trips with Montana School of Mines. Hopes to work remainder of time at Butte.

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News of the following Grads was obtained from our special correspondent, Mr. "Happy" Hill, who is at present attending McGill University.

- STAN MALOUF, working on his Ph.D. Is Geologist at Francoeur, making a good job of finding ore by geological methods. He is almost as good a ping-pong player as Hill.
BILL ROBINSON, expects to be back with the Quebec Bureau of Mines this summer. Is working on his Ph.D. thesis.
LARRY TRENHOLM, has placed a diamond on the selected young lady's hand. Expects to be back with the same mining company as last year.
HAROLD MORROW, will be working for McLeod-Cockshutt this summer. Still can't make any money in the stock market.
BILL DENTON, plans for the summer not definite. Has become definitely celebratarian this last winter.
ERLING THORSON, plans for the summer not definite but the chances are he will hustle back to Vancouver as soon as exams are over.
PETE HART, Geologist at Arntfield Gold Mines, Arntfield, Quebec.
"HAPPY" HILL, still in the dark as to what will develop for the summer. "Happy" warned me that any other cracks that were made here concerning him and I would have to answer for them. Well! knowing Happy for the wrestler that he is I shall heed his warning and refrain from spilling any of the dirt on him. Confidentially, if any of you are interested in getting the same just send a self-addressed envelope, a stove lid from one of McClary's Famous stoves and ten cents to cover the cost of handling and mailing and the "dirt" will be sent to you by return mail.

SISCOE SCHOLARSHIPS

The officials of the Siscoe Mine started a system of Scholarships a few years ago, to contribute their bit to the cause of science. This is a very noteworthy gesture on their part and has certainly been appreciated by the Graduates of the University of Saskatchewan.

1937-38, the first year of this practice, was captured by Albert Moss and Stanley Malouf, both former members of the Gangue. The same two Grads were successful in getting it again the next year. Then this year, 1939-40, there were three Scholarships offered and all three went to the "Ore Ganguers", in the persons of W. G. Robinson, Erling Thorson, and L. S. Trenholm.

This is an exceptionally good record and these Grads are to be congratulated on their success. Keep up the good work.

THE GRADUANDS

BAILLIE, WILFRED, Saskatoon. An Ore Gangue member for the past three years, Wilf has taken a prominent part in our activities. He planned many of our social events this year and their great popularity has shown his success. Well known for curling activities, and his lair in the basement lab. "Cuddles" is a corporal in the C.O.T.C.

BEARD, GORDON, Moosomin, Sask. After eight years teaching, Gordon came up to delve into the field of geology and has been an Ore Ganguer for two years. Assistant editor last year, Gordon has been guiding the destinies of the Concentrates this year, to the satisfaction of everyone. His chief outside activities have been curling and tooting in the C.O.T.C. Band. He plans to try for a place in the mining world.

DOUGLAS, JOHN MacDONALD, Dauphin, Man. Don, as an executive member last year and as Vice-President this year, has been an outstanding leader in our activities. Interfaculty hockey, Ore Gangue Curling, the Choral Society, and librarians are among his interests, as well as being a member of the C.O.T.C. this year. He will receive his degree in Geological Engineering.

CLARE, FREDERICK BERNARD, Saskatoon. After a long career as a leader in student activities, and three years as a member of the Ore Gangue, Barney will leave us this spring and hopes to find a place in the mining industry, preferably in the administration service. A member of the Ore Gangue bowling team and a well-known curler this year, Barney will receive his Bachelor of Arts degree.

FAST, HENRY JOHN, Colonsay. Back from his European rambles for the winter, Hank has been taking a varied diet of studies, including a number of accounting classes, hoping to use this to work into the business end of the mining game. With Hank a leader in lab. Bull Sessions and our local fashion authority, the lab. will likely go back to its old slovenliness in the matter of dress after Beau Brummel's critical eye is gone.

GREENBERG, MAX, Saskatoon, Sask. Max will graduate in geological engineering. He has always been a staunch supporter of lab. Bull Sessions and never fails to have a word of praise for engineering as compared to the Arts Course.

HENRY, VICTOR DAVID, Regina. After three years in the Ore Gangue, Vic expects to graduate with a B.Sc. He plans to go back to teaching and try to pass on a little of what he has absorbed in these last few years. Vic has been prominent in the activities of the Choral Society and the Historical Society, and is an ardent curler. He was a member of the government in the student parliament held this year.

KEDDY, STEWART, Sutherland. Stew will graduate with his Arts degree this spring after three years with the Ore Gangue. He is an outstanding swimmer and water polo player and this year took part in the Ore Gangue Curling. He is a member of the C.O.T.C. and is famous for his long walks into Saskatoon in search of Schmoo. He hopes to come back to take his honors next year.

KEEVIL, ALAN RICHARD, Saskatoon. Al will graduate with a B.A. this year after a varsity career including basketball, curling, water polo and C.O.T.C. Taking Chem. 11, this year, Al's face has not been as familiar around here as formerly. A renowned chaser of Saskall Blondes, Al hopes to do postgraduate work in the East.

MCPHERSON, WILLIAM JOHN, Dunblane. Bill, an Ore Gangue member for three years, has had an outstanding career in varsity sport, representing the Green and White in intervarsity rugby, wrestling, and being wrestling manager for the past two years. He is a Lieutenant in the C.O.T.C. after four years with the unit. Bill has an outstanding scholastic record, winning three scholarships. He will receive a degree in Geological Engineering.

PEEK, GEORGE CORBETT, Zelma, Sask. George graduates this year in Arts and Science after two years as an Ore Gangue member. He is an enthusiastic curler and member of the C.O.T.C. Though he says little about the fair sex in the lab. discussions, we strongly suspect George to have a more extensive love-life than is generally believed.

ROBINSON, HAROLD ROSS, Saskatoon. Robbie will receive his B.A. this year after two years membership in the Gangue. His activities include Ore Gangue curling and bowling and assistant editor of the Concentrates this year. The Engineer's Show certainly brought out the hidden talent of this Graduate's salesmanship. Robbie literally sold all the fossils in the lab. to the public.

THODAY, GERALD PATRICK, Saskatoon. Jerry expects to graduate in Arts after a career in Varsity athletics, including Boxing, Hockey, and girl friends. This year as lab. Technician, Jerry made some notable improvements in the lab., one of which was arranging the maps in a much more convenient and serviceable manner. He expects to try for a place in the mining world of Eastern Canada.

We dedicate the following ditty to those lab. temperance leaders, "Hammer" Warning, "Cuddles" Baillie, "Hardie" Caverly, "Honey Child" Ladd and "Doodlebug" Shirkie, for their great work in this field at the spring banquet:

Cold water is the best of drinks
And fit for every being,
But who am I that I should take
The best of everything?
Let Princes revel at the pump
And Kings the tap make free--
Champagne, or gin, or even beer
Is good enough for me.
--from the Manitoban.

ORE GANGUE HOCKEY

The Gangue's sporting activities for the year were finished with a titanic struggle between the Artsmen and the Engineers at the Rutherford Rink in which the Engineers managed to eke out a 7-5 victory over the gallant Artsmen. By importing a number of famous shinny stars and disguising them with hideous masks to look like such Engineers as "Ripper" Douglas, "Hammer" Warning, "Pot" LaBerge, and "Crosscheck" Caverly, they were only able to edge out the Starry Artsmen by the use of such unorthodox tactics as tripping, crosschecking, boarding, and shooting at the goal.

Local fans will not soon forget the brilliant rushes of Chachula, the Bienfait Battler, the dashing tactics of "Spring Fever" Thoday, the inspired goalkeeping of "Shutout" Fulley, or the crushing body-checks of Peek, the Zelma Zipper. After three thrilling periods, which included three fights, a free-for-all and numerous penalties, the crowd of rink-rats who witnessed the bout agreed that the Rutherford Rink will never see another like it.

Lineups: Engineers - LaBerge, Caverly, McPherson, Leighton, Douglas, Chachula, Warning, Cairns, Ladd, Akehurst, Shirkie, Taylor, Ibbotson.

Arts - Fulley, Thoday, Keddy, Henry, Keevil, Badenoch, Robinson, Peek, Klemmer, Hill.

CURLING

"Vic" Henry

Sweep! Freek! (Short for Precambrian) were the sounds one might well expect to hear when approaching the curling rink on Saturday nights from 6 to 8 o'clock. This was especially true of the night of the big feed of Sauer Kraut and Weiners (plus liquid enlivenment). You could sure cut the noise with a knife that night.

This is just a sample of the honest to goodness fun that everyone who curled this year experienced. The good fellowship of the lab. was carried across the road to the rink and as usual the result was more than satisfactory to all concerned. In all there were six rinks drawn up, three Arts and three Engineers, so that entries into the Inter-faculty bonspiel would be simplified.

"Ripper" Douglas and his loyal sweepers swept the field as far as the schedule went and those who curled against him plotted several

times as to ways and means to be rid of his expert third, Barney Clare, but due to the good old Ore Gangue tradition of live and let live, there were no casualties.

Douglas' rink entered the bonspiel along with a rink from Arts headed by Gordon Beard. The Douglas Boys got as far as the eights and the Arts rink got knocked out in the second round but both gave their opposition plenty to think about all the way.

Taking all in all, it was a most successful year's curling and we are sure that a closer sense of real comradeship came out of the season's fun.

ORE GANGUE SEMINARS

The Ore Gangue Seminars were again an outstanding part of the lab. activities this year, with five being given by students, four by visiting speakers, and two moving picture.

Don Douglas opened with a detailed description of the mine and ore body at the Sherritt-Gordon Mine where he was employed last summer.

Bill McPherson told of the Hudson Bay Mining and Smelting Company's mine and smelter at Flin Flon. The talk was non-technical and gave the members a very good picture of the town and life there.

Harold Robinson chose "Dinosaur Hunting in the Badlands of Alberta" for his topic, and emphasized the importance of the finds in this area.

George Peek spoke on Earthquakes and told of the principle types of seismographs. He went into the process of mapping geological strata by seismographic means.

Vic Henry gave the final student seminar, speaking on Diamonds, and illustrated the lecture with a number of interesting replicas of world famous gems.

The first outside speaker was H. N. Hainstock of the International Water Supply Company, who gave an interesting talk, illustrated with movies, on the principle methods of drilling water wells.

Doctor "Ab" Moss gave an interesting discussion of the Siscoe Gold Mine, and speaking from the experience of considerable work in the area, showed very clearly the geological structure, and form of the ore body. Ab, incidently, used this topic for his thesis.

Dr. R. Arnold of Los Angeles, a leader in the field of oil geology, treated the Ore Ganguers to an informal talk on various experiences that he has had in his long years of field work, and aroused great interest in telling of his experiments in the field of metallurgy.

Dr. J. L. G. Sanderson of Calgary, also an outstanding oil geologist, told of the difficulties and problems of oil geology on the prairies. He emphasized the need of thorough grounding in all phases of geology before specialization.

Two excellent moving pictures were shown to the Gangue in evening seminars. The first showed gold mining processes, with the processes of flotation, and finally the weighing and preparation of the bullion in the mint, while the second illustrated methods in the Noranda mine, refining the copper, and the making of copper wires.

Though there were fewer student seminars than formerly, probably because of the extra work involved in the Engineering Show, they were remarkably well attended, and contributed a great deal to the lab. activities.

SPRING BANQUET

J. B. Browning

On Thursday, March 7th, the annual spring banquet was held in the Oak Room of the King George. As usual the Gangue collected in the ante room for a quiet social prior to the festivities. The Banquet had three new features this year: Professor Spencer of the "Mining Fame" was an added guest; secondly, the liquor was legitimate and above board and thirdly, an Ore Gangue member of the gentler sex attended the function.

After the "Feed" Labby La Berge, the Chairman, proposed a toast to the King. Professor Edmunds then presented the plaques to the Grads. Enough dirt was divulged on each one to make up this issue of the Concentrates. Don Douglas responded to the toast and expounded on a theory that the Faculty were a great bunch of "guys", but it was left to W. Baillie to even up the account for the graduands. In his toast to the Faculty, Wilf proved beyond all shadow of a doubt that our Faculty could not be professors at all. "Whoever heard of a practical professor--and there's no doubt our Faculty are practical." In his reply, Professor Spencer told of his experience with the mining profession and of the great respect he had for the men in it.

Professor Atkinson entertained us in his usual after-dinner manner and told us many a story. It was feared momentarily that the female audience would hold back his form but the fears were needless.

Dr. Mawdsley, in his address, told of the impressions he had gathered about the Gangue during the year. Many good stories were forthcoming and some surprises were furnished.

After the banquet a sing song was held and then the Gangue retired to a quiet game of breaking doors, key snitching and riot inciting.

SPRING PARTY

The final social function of the year took the shape of a social meeting at the lab., with the fellows and their gals dancing at the Avenue Ballroom after.

The evening started with the "Ganguesters" showing their ladies around the unnaturally clean lab. Professor Edmunds gave a talk of his trip to Yellowstone Park last summer, which he illustrated with numerous interesting rock specimens and lantern slides. Professor Atkinson entertained with two reels of his ever-popular colored movies, which he photographed on his trip through the National Parks of Western United States last summer. The beautiful mountain scenery, with its natural colorings, brought many exclamations of admiration from the audience.

A large number then hopped into taxis and went to the Avenue for two hours' dancing, later adjourning to various chop-houses for lunch. All went home agreeing that it was another very successful function.

SLEIGHING PARTY

The sleighing party, held on Feb. 16th, was generally voted by the members as the best social event in years. Wilf Baillie, in charge of the festivities, coaxed 19 couples to turn out and they certainly did not regret it. The fellows and their gals gathered down town and at Bell's, then took the bus out to Sutherland where they were met by three sleighs in which they spent an hour and a half cavorting about the country. Raids from one sleigh on another, with many snowball fights and spills in the snowdrifts featured this portion of the party. Dr. and Mrs. Mawdsley proved themselves to be experts in this type of warfare.

Arriving at Kusch's farm, the Ganguesters showed themselves to be no amateurs at rug-cutting and enjoyed some real jitterbugging to the strains of the small but adequate orchestra. Tired by this barbaric amusement, the crowd welcomed the hearty supper of beans, brown bread, cake and coffee, and then sat around and held bull-sessions that almost rivalled those of the noon hour dinners for interest. Next the renowned glee club favored the assemblage with some of their more famous selections and then led in the community singing.

With the singing over, the guys swung their gals in some real old-fashioned square dances, but were later unanimous that jitterbugging was much easier and much less hard on a fellow. Finally, tired from their exertions, everyone was glad to climb into the sleighs and make themselves comfortable for the ride back to Sutherland where a specially chartered bus was waiting. They returned home, tired but very pleased with the wonderful evening.

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One of the most enjoyable features of the winter was the Open House held by Doctor and Mrs. Mawdsley on Sunday nights, when many of the fellows came over the evening to take advantage of their kind hospitality. Informal discussions on many topics from Archaeology to marking of exams featured these evenings, and their popularity was shown by the fact that many chaps came back several times. We are sure that Dr. and Mrs. Mawdsley's hospitality will long be remembered as one of the most pleasant features of the term.

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ORE GANGUE OFFICERS: 1940-41

President:	E. F. Klemmer
Vice-President:	J. T. Shirkie
Sec.-Treasurer:	R. B. Cairns
Editor:	H. R. Robinson
Activities:	H. S. Ladd, J. A. Caverly.

ON THE SLAG HEAP

Well sir, it was just like old times the other day when Murray Clark came up to the lab. and brought his lunch. There in his lunch kit was the inevitable chocolate bar, and all that was lacking was Murray's famous pipe which he had left at home.

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One of the things that really put the lab. off its work for a time was this game "Battleship". With the fellows skipping labs. to play it and even enjoying it in lectures, it was a real menace for a time but as with all fads, it died out as fast as it came. A monster tournament, with 20 fellows entered, was won by Steve Chachula, in a close final with Bud Hill, while George Peek carried off the prize money in the consolation.

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Towards more picturesque speech: (Heard in petrology lectures)
"The potash snaffles the alumina"
"They've all chummed around and the alumina is left
as the wall flower."

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Ore Ganguers of some years back will likely be surprised to hear that one of our members is carrying the torch of the S.C.I. to the uncultured masses of the Ore Gangue and is trying to lure them to S.C.M. firesides. Rumor says that a woman has something to do with it and Wilf swears that it is a true desire on his part to lead us out of the darkness of our past, into the light.

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This year has really been one of new clubs around the lab., with one appearing nearly every week. With such societies as the Scorpion Club, the D.B.C., The Mad Trappers, The Screwballs, The C.R.M.M.C. and many others, it has been rather hard to keep track of them all.

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SUMMER READING

The Faculty strongly recommends summer reading for those taking Geology or Geological Engineering. The following are a few suggestions:

GEOLOGICAL READING

Rocks and Rock Minerals - Pirrson and Knopf, John Wiley and Sons, \$3.50. An Excellent preparation for Geology 21.

Architecture of the Earth - (1938) - R. A. Daly, D. Appleton-Century Co. \$3.00. Students taking Geology 52c next year should read this.

The Making of the Earth - J. D. Gregory, Home Univ. Library. .70¢

The Ocean - Sir John Murray, Home University Library. .70¢. A summary of the reports of the Challenger Expedition.

Mother Earth - G. W. Robinson, Murby and Sons, London. 10/.

Elements of Mining - R. S. Lewis, John Wiley and Sons.

SPECIAL READING: Owing to the lack of classes in English, Economics, and the Social Sciences on the Geological Engineering course, Geological Engineers are recommended to undertake summer reading in those subjects. Professors C. A. King, G. E. Britnell and G. W. Simpson have co-operated to compile the following list of suggested books.

A Short History of the World - H. G. Wells, Thinkers Library. 25¢

Growth of Civilization - W. J. Perry, Pelican Books. 15¢

Liberty in the Modern State - H. J. Laski, Pelican Books. 15¢

Parliament, 1295-1929 - C. P. Ilbert, Home University Library. 65¢

Canada Today - F. R. Scott, Oxford. \$1.00

Man's Worldly Goods - Leo Huberman, Harpers. \$2.50

Practical Economics - G. D. H. Cole, Pelican Books. 15¢

Democracy - C. D. Burns, Home University Library (1935) 65¢

Communism, 1381-1927 - H. J. Laski, Home University Library. 65¢

Towards an Understanding of the U.S.S.R. - M. T. Florinsky, Macmillan (1939) \$2.50

Marxism - H. B. Parkes, Houghton-Mifflin Co. (1939) \$3.00

Fascism - S. J. Barnes, Home University Library (1931) 65¢

Intelligent Women's Guide to Socialism and Capitalism - G. B. Shaw, Pelican Books, 1A and B. 15¢ each.

Democracy Needs Socialism - League for Social Reconstruction, Nelson. \$1.00

Socialism vs. Capitalism - A. C. Pigou, MacMillan (1937) \$1.25

Proposed Roads to Freedom - Bertrand Russell, Blue Ribton Books. \$1.35

Which Way Peace? - Bertrand Russell, Michael Joseph (Reginald Saunders in Canada) 75¢ in paper binding.

The Coming Struggle for Power - John Strachey, Gollancz (1933) \$1.25

The Economic Causes for War - Lionel Robbins, Johnathan Cape. \$1.25

Union Now - Clarence Streit, Johnathan Cape, \$1.85

Oxford University Press - 10¢ booklets recently issued on various political and economic problems related to the present conflict. Many of these are excellent and are written by outstanding authorities.

For further details, students should consult the lists on the notice board. These books are stocked or can be obtained by the University Bookstore, who can forward them to any part of Canada.