

J.B. Mawdsley

University of

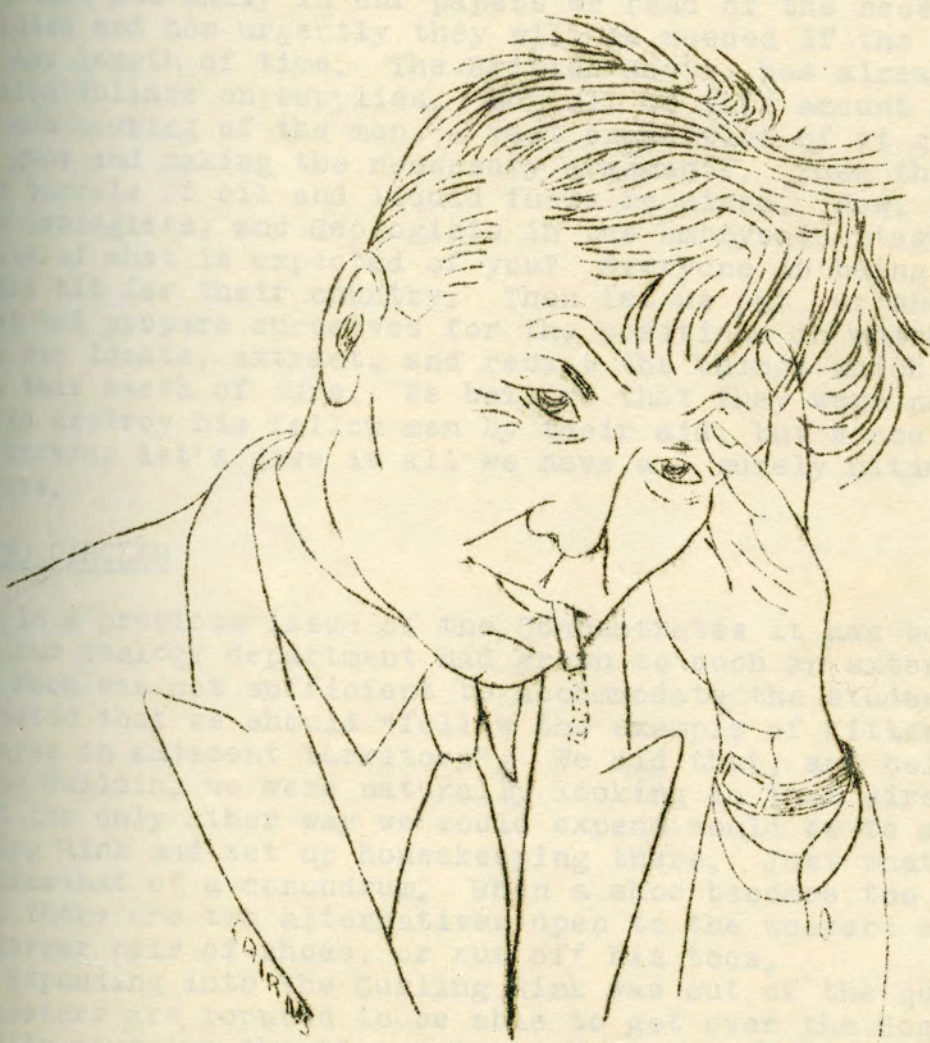
Saskatchewan



CONCENTRATES

Edition No. 6.

Nov 1939



"J.B."

Pre-Cambrian structure he loves to unfold
And seeks further proof for his theory on gold.

EDITORIAL

There seems to be a general inclination to not settle down to work for at least a couple weeks after registering in the fall. This is an annual occurrence, but this year it seems to have been extended for some reason or other. This fact has been mentioned in the Geology lab, on numerous occasions. Just what the cause is, none of those affected seem to be able to satisfactorily analyse. There is one answer, however, which I shall submit here, and you can take it for what it is worth. Some of the boys claim that it is the result of the war in Europe. Just what attitude they are taking is difficult to say, unless it is, "Oh, what's the use, we shall soon be over there fighting Hitler anyway". "What good will our Geology be to us when we are in the trenches?"

True, that is one way of looking at the subject, but might there not be more than one way to "kill the cat"? We hear it over every news broadcast and daily in our papers we read of the necessity for war supplies and how urgently they will be needed if the war is to continue for any length of time. The British Gov't. has already spent 1/2 billion dollars on supplies. Not all of this amount goes to the feeding and housing of the men, a vast proportion of it goes to feeding the guns and making the necessary armaments. Then there is the countless barrels of oil and liquid fuels required. Now, do you as graduate Geologists, and Geologists in the embryonic stage get the implication of what is expected of you? Everyone is being asked to do their little bit for their country. Then let us put our shoulders to the wheel and prepare ourselves for the positions in which we as specialists can locate, extract, and recast the things which nature has put into this earth of ours. We believe that they were not put here for man to destroy his fellow men by their aid, but since we are now in the inferno let's give it all we have and surely ultimate victory shall be ours.

SEWING CIRCLES

In a previous issue of the Concentrates it has been mentioned that our Geology department had grown to such an extent that the available room was not sufficient to accommodate the students. It was suggested that we should "follow the example of Hitler, and cast covetous eyes on adjacent territory". We did that, and being in the Engineering Building we were naturally looking in that direction. In fact about the only other way we could expand would be to march into the Curling Rink and set up housekeeping there. Just what was to be done was somewhat of a conundrum. When a shoe becomes too tight for the foot, there are two alternatives open to the wearer: either get a new and larger pair of shoes, or cut off his toes.

Expanding into the Curling Rink was out of the question as the Ganguesters are reputed to be able to get over the Hog Line without actually studying the "Ice-o-tropic" nature of the Curling rocks by petrographic means. The one remaining resort was to use Hitler's methods and confiscate some territory belonging to the Engineers. Alas for us the Engineers anticipated our motives, and our plans boomeranged and now the Engineers are holding classes in the Geology Department!

This makes it increasingly difficult for us to obtain the necessary proficiency under ever contracting space. We feel, however, that

it is still possible to defy the laws of nature and grow and mature into good Crystal form and outline even in such confined spaces.

To accomplish this, it will be necessary to have the whole-hearted co-operation of every member who is working in the lab. Unfortunately, we have no common room, but, in view of the fact that there are people who wish to work, we feel that it would be only fair to restrict our "sewing circles" to those hours when classes are not in session.

NEWS OF THE GRADS.

This information has been passed on from various sources, by letter, gossip, and various other means of getting the low-down on people. The accuracy of such methods is possibly not up to par, but if the Grads would all send in this personal information it would certainly be appreciated. We wish to thank all those who have written and given us details on themselves and other Grads.

AKEHURST, ALFRED JOHN B.Sc. (Eng. Geol.) 1937. c/o Shell Oil, Box 348, Great Bend, Kansas. Expects to be moving this month to Tulsa, Okla. Intends to be with the Shell Oil Co. until next spring. Alf joined the ranks of the married men on October 21st. The lucky girl is a Graduate Nurse from Timmins. Congratulations and best wishes for a happy future from the Ore Gangue.

ALLEN, ROBERT BENEDICT B.Sc. (Hon.) 1936. Spent the summer with Connel Exploration Co. in British Columbia. Mr. Allen is now a lieutenant in the Saskatoon Light Infantry and expects to go overseas early next year.

AMES, HAROLD B.Sc. 1937. Queen's University, Kingston, Ont. Taking mining. Harold had a little get-together this fall with some of the Sask. Grads, while he was on a field trip near McGill.

BAKER, JOHN HARVEY B.Sc. Spent the summer on a diamond drill programme on a copper showing for Ventures at Schist Lake, Man. Married to Shirley Brydon. Is at present on his way back to Africa. Apparently the lure of the gold has a strong grip on John.

BERENBOM, GEORGE B.Sc. 1938. During the summer George worked in the Chem. Department. Later he took a trip to New York. Is back again at the Chem. Dept.

BROWN, GERALD WILLIAM B.Sc. 1939. Spent the summer on G.S.C. party at Mari Lake, North West of Flin Flon. Last heard of was leaving Saskatoon for the University of Alberta where he was going to study mining.

BROWNING, JOHN MACKINTOSH B.A. 1939. Reports a very interesting time this summer at Wray Lake on a G.S.C. party. Is now back at the University taking Engineering and instructing in Geology. We believe he still has a weakness for the nursing profession.

CHRISTOPHER, IVAN CHESTER B.Sc. 1938. Box 568, Noranda, Quebec. Doing geophysical work for Hans Lundberg. Working in the Engineering Department. This Grad is rather engrossed in the Geophysical work and seems to thoroughly enjoy the work.

CROTEAU, FRANCIS LESLIE B.Sc. 1936. 62 Tamarack St., Timmins, Ont. Working with Mr. Hatch on consulting work.

CLARKE, JAMES MURRAY CORDELL B.Sc. 1937. Is still at Rouyn. Was working with Hans Lundberg this summer in charge of a party cutting line. He was preparing this property for Christopher. Working north west of Noranda.

CRULL, ERLE TULLOCK B.Sc. 1939. Broadview, Sask. Summer with Churchill Valley Minerals at Lac La Ronge. There are rather promising reports from this area. Klemmer and Warning were with him. When we last contacted him his plans for the future were uncertain.

CLARE, FREDRICK BERNERD Summer with Churchill Valley Mineral Exploration Ltd. Prospecting on Beaver Lake. At present "Barney" is working in the Gents' Furnishing Department of the Hudson's Bay Co. in Saskatoon.

CREED, DONALD ANDREW B.Sc. 1937. Box 801, Flin Flon. Don went to Flin Flon last spring and stayed right there this fall. His work for the summer was on the surface with the Engineers, cutting a grid for the Geologists. Has acquired the name of "Stuffy". Is reported to be leading a rather full social life. At present "Stuffy" is working under ground on the Graveyard Shift, from 7 P.M. to 3 A.M.

DENTON, WILLIAM ERNEST B.A. 1938. 165 Alfred St., Kingston, Ont. Spent the summer with Dr. Henderson in the Gordon Lake area N.V.T. on the G.S.C. party. At present completing his Master's at McGill.

ELSLEY, BYRON COOPER B.Sc. (Hon.) 1936. Balatoc Mine, Box 249, Baguio, Phillipine Islands. Expects to come home this year. Has become quite a golf enthusiast. The mine at which he is working is situated in the Holiday Resort, which permits him to drive a car and join in the social life.

FAST, HENRY "Hank" was working with the C.N.R. in Europe until the war broke out. He was in Warsaw when the hostilities started. Managed to return home safely and is at present attending the University of Sask.

FOUIDES, WILLIAM ANDREW HUGH B.Sc. 1937. Attended summer school at the University of Sask. Has left Rock Glen but his present address is not known.

GARNET, RUSSEL EDMUND B.Sc. 1933. Kirkland Lake, Ont. Believed to be employed by Kirkland Gold Mine.

GALLUP, WILLIAM BRADSHAW B.Sc. 1938. Drilling Contractors, Longview, Alberta. With the Anglo-Canadian Oil Co. Logging well samples. "Bill" was once a member of the speediest prospecting team in the North, "Gallup and Fast".

GREIG, EDMUND WENDELL B.A. (Distinction) 1937. Department of Geology, Princeton University, Princeton, New Jersey, U.S.A. We believe that he is taking his second year on his Ph.D.

HAHN, HERMAN GUSTAV B.A. 1939. Summer at Sheep Creek, B.C. Is taking third year mining at Queen's this winter. In his last letter there was a tone of homesickness for old Saskatchewan, but we feel sure he will get over that.

HANCOCK, WILLIS PRITCHARD B.A. 1938. Worked with Dr. Shaw, East of James Bay this summer. Is taking his Master's at Queen's this winter.

HART, EDWARD ARTHUR B.Sc. 1936. Received his Master's at McGill in the spring of 1939. Last May received the appointment of Geologist at Arntfield Mines, P.Q.

HAGE, CONRAD OLAF B.Sc. (Hon.) 1929. Geological Survey of Canada, Ottawa. Was studying at Mass. Institute of Technology last year.

HARVEY, REGINALD ALVIN B.Sc. 1939. Spent the summer on the farm. Is taking Education at University of Sask. this winter.

HILL, LAWRENCE STANLEY B.Sc. 1939. Apartment 3, 1500 St. Mark, Montreal, P.Q. Reports a very good summer at Yellowknife, no portaging, no flies, and a good cook. Erling Thorson, Bill Denton and "Happy" are rooming together in Montreal. "Happy" sent a list of the Sask. Grads who are attending McGill: Erling Thorson, Bill Denton, Larry Trenholm, Bill Robinson, Stan Malouf, Harold Morrow, and "Happy". The suggestion was that there was enough there to form an "Old Folks Home".

HOGG, CHARLES ANDREW LAVERNE B.Sc. 1935. Orenada Gold Mines, Val d'Or, Quebec. Is in charge of exploration and is drilling in the Bourlamaque Tp.

KEEVIL, NORMAN BELL B.Sc. (Sask.) M.Sc. (Sask.) Ph.D. (Harvard) Geophysics, University of Toronto. At present is employed in Research Geophysics at the University of Toronto and Hans Lundberg Ltd. Here are some of the researches: several physical chemical papers; hydro-thermal reactions of calcium silicates; Geophysical ages of rocks from radioactivity and high press. temp. studies of water-salt systems.

KLEMMER, EDWARD FRANKLIN B.A. 1939 (Distinction) Summer with the Churchill Valley Minerals, at Lac La Ronge. Is attending the U. of S. this winter, taking engineering, and instructing in Geology.

LANDES, ROBERT WILLIAM B.Sc. (High Hon.) 1933. Last address, c/o Geological Survey of Canada, Ottawa. We believe that he is now in Columbia, South America, doing oil geology.

LaBERGE, ALBERT LIONEL B.A. 1939. On a G.S.C. party at Mari Lake, North West of Flin Flon for the summer. Attending the U. of S. this winter. Lionel has been rather busy with the Rugby this fall as he is captain of the team.

LAWSON, WESLEY RICHARDSON B.Sc. 1939. Taught school for a couple months last spring, then came in to instruct at Summer School, then a little harvesting and threshing, and is now back at the University.

MOORE, GEORGE NEELY B.Sc. (Eng. Geol.) 1938. Francis, Sask. Working with the Canadian Mining and Smelting Co. in the La Ronge area. Caught by freeze up in P.A. after a hazardous flight from Contact Lake, on or about October 25th, so visited the Lab. on his way home for a holiday.

MALOUF, STANLEY B.Sc. 1934. Francouer Gold Mine Ltd., Quebec. Post Office, Arntfield.

MOSS, ALBERT ERNEST B.Sc. 1936. "Ab" now has his Doctor's degree. He met the Sask. boys who are attending McGill this fall. We have received word that he is Geologist at Chesterville in the Larder Lake Area. At present is a visitor in Saskatoon.

MIHM, GEORGE FERDINAND B.Sc. (Eng. Geol. with Distinction) 1937. c/o McIntyre Mines, Timmins, Ont. In charge of exploration for the McIntyre people on properties in Bourlamaque Area, near Val d'Or. There are rumours to the effect that he has grabbed himself off a little French girl.

MORROW, HAROLD FRANCIS Spent the summer on an Ontario Survey party in Little Long Lac. Is now back at McGill taking his Ph.D. Harold won a scholarship which he is using this year. B.Sc. 1937.

MacKAY, DOUGLAS GRIFFITHS B.Sc. 1937. Honors, 1939. Spent the summer with a G.S.C. party at Stony Rapids, Sask. Doug is taking his Master's at Queen's this winter. Is assisting in the Lab. After getting stung a couple times he has decided to refrain from making "Blind Dates".

McDOUGALL, GORDON HUGH B.Sc. 1938. c/o Ventures Gold Mine, Matachewan, Ont. We believe that he is still thinking fondly of oil and Turner Valley.

NORRIS, ROBERT WINDERMERE B.A. 1939. R.C.A.F. Officers' Mess, Trenton, Ont. Bob has been in the Royal Air Force all summer. Took part of his training at Regina, then to Camp Borden and now at Trenton. Thoroughly enjoys the work and advises other boys to join the Air Force in preference to other divisions. Claims the rooms are on a par with the Bessborough.

NICHOLSON, THOMAS ALLEN ELROY B.Sc. (Hon.) 1932. Probably still farming near Loose Jaw.

NORDAL, JOHANNES GUDMUNDAR B.Sc. (Ceramic Engineering) 1935. National Sewer Pipe Co., Hamilton, Ont. Has an important job of revamping the entire plant and inaugurating a revolutionary system of his own. This Grad has developed a Car Tunnel Kiln, changing the process from periodic to continuous performance. The driers are so placed that they utilize the heat from the cooling of the pipes, which was formerly lost. Watch for articles in periodicals on this Grad. It will be interesting to follow his activities.

PARRES, LEW Lew is at Coniaurum, in the Porcupine District. Was appointed to the Engineering staff a couple months ago. Married to "Billie" Cross last summer. Congratulations and best wishes.

- FETTINGREW, ROBERT KING B.Sc. 1939. Summer with G.S.C. at Stony Rapids, now in Matachewan, Ont. At Young Davidson.
- FARRIS, JAMES CHRISTOPHER B.Sc. 1936. Thetford Mine, P.Q. Joined the Army Sept. 1st, and is a Lieutenant in the Engineering Corps.
- FENNER, DAVID GEORGE B.Sc. 1937. No word from Fenner but we believe that he is still at Favour, Ont.
- ROBINSON, WILLIAM GEORGE B.Sc. 1936. M.Sc. (McGill) 1938. Bill is at McGill this winter and will complete his Ph.D. Has his thesis well in hand. Worked at Noranda this summer with the Quebec Bureau of Mines.
- REDFORD, LESLIE ROBERT B.Sc. 1936. McIntyre Mines, Timmins, Ont. Leslie was a visitor in Saskatoon this fall.
- SANDERSON, WILLIAM JOHNSTON B.Sc. 1936. B.Sc. (Geol. Eng.) 1939. Spent the summer with Churchill Valley Minerals at Beaver Lake, Sask. Prospecting. Is back at the University this winter and is instructing in Steam, Motors, and Mechanical Engineering.
- SIDDONS, JOHN DAVID Somewhere near Matachewan, Ont. at the last report, believed to be working in mine.
- SHAW, GEORGE B.Sc. 1932. Spent the summer East of James Bay. Is now living in Ottawa, G.S.C. Completing Ph.D. We understand that the stork brought them a little Gold Nugget.
- SCOTT, JAMES STUART B.Sc. 1935. Siscoe Gold Mine, near Val d'Cr. In charge of exploration on properties in which the Siscoe people are interested. Sent a couple interesting samples to the lab.
- STEWART, GORDON TURNEULL B.Sc. (Hon.) 1936. Sherritt-Gordon Mines, Sherridon, Man. With the Engineering staff and is now stope boss.
- SWANSON, ERIC ALFRED B.Sc. 1937. Box 68, Timmins, Ont. Working with Hans Lundberg on geophysical survey work. Plans on going to Basic Metals at Noranda.
- THORSON, ERLING FRITHOF B.Sc. 1939 (Distinction) Summer at Brittania, B.C. Is making good use of the Siscoe Scholarship this winter taking his Master's at McGill.
- TRHALL, GLEN WALDRON B.A. Oct. '39. Last heard of he was trying to get into the U. of Toronto.
- TRIMPSON, MELVYN CLARK B.Sc. 1936. P.O. Geita, Tanganyika, Africa. One mine is not enough to satisfy Mel and his partner, they are starting production on the second mine this fall. That will bring the output to 500 oz. per month. Mel plans on a round the world trip this fall. This was before war was declared, we have had no word from him since that time.
- TRIMPSON, JOHN ANDERSON B.Sc. (Hon.) 1936. c/o De Santes Porcupine Mines, Timmins, Ont. No word from him this year but we believe that he is still there.

TIBBITT, JOHN FRANCIS B.A. 1936. c/o Territories Exploration Ltd. Spent the summer with this company in Snare River area, N.W.T. Is now doing development work in the Territories.

TRENHOLM, LAURENCE STUART B.Sc. 1936. Spent the summer with Belleterre Quebec Mines, Belleterre, P.Q. Is back at McGill.

WARNING, GEORGE FREDRICK B.A. 1938. Honors 1939. Spent the summer developing and prospecting with Churchill Valley Minerals at MacKay Lake, Sask. This winter George is taking some Engineering classes and instructing in Geology, at U. of S. Still has a weakness for a certain nurse.

WHATLEY, JOHN MILTON B.A. 1939. 1004 West Quartz St., Butte, Montana. Spent the summer at Britannia, B.C. Is now doing post-graduate work at Montana School of Mines. We would like to hear from you, John, giving us your impressions of the School.

WILSON, NORMAN LESLIE B.Sc. 1931. Box 222, Springs Tol, South Africa. Completed his Ph.D. at McGill. Norman, his wife, and 2 year old Kent have returned to Africa.

WEIR, JAMES DONALD B.Sc. (High Hon.) 1935. Spent the summer with a party of four geologists on an area about 2,000 square miles, north west of Lima in the Andes. Completed his degree at Oxford, obtained class one and was awarded the Burdett-Coutts Scholarship, which amounts to 200 per year and is tenable for two years. Don was doing research last summer and collected a number of specimens which were to be shipped to him but haven't turned up yet. He is at present at Harvard, and last year was elected a Fellow of the Geological Society. (F.G.S.)

INSTRUCTORS 1939-40

Geology 1: Beard, Keddy.
Geology 2: McPherson, Keevil, Ibbitson, Douglas, LaBerge.
Geology 2l: Warning.
Geology 4l: Baillie.
Geology 6l: Browning.
Geology 1l: Klemmer, Warning, Beard.

UNDERGRADS. H. Robinson

LIONEL AKEHURST Lionel opened the summer by doing some mucking and tramping at the Britannia Beach Mine, B.C. and finished it off by going harvesting.

WILF BAILLIE Wilf was with the G.S.C. in the Gordon Lake, N.W.T. district, in Dr. J.F. Henderson's party.

GORDON BEARD Our genial editor covered much of the eastern part of the province on a surveying job with the Dept. of Highways.

JEFF CAVERLY Jeff was on Dr. J.E. Armstrong's party of the G.S.C. in the Herb Lake area. Jeff must have found that elusive gold conglomerate that we've been looking for so long, judging from the new jallopy he's wheeling around.

STEPHEN CHACULA Steve was also working at the Britannia Beach Mine, doing mostly mucking and tramping.

J. M. DOUGLAS Da Vice-Pres. worked underground at the Sherritt-Gordon Mine. Don swears that he didn't take a lass out all summer, remaining true to the one and only. Gosh fellers, ain't love grand?

MAX GREENBERG Maxie spent, so he says, an uneventful summer, clerking in a store most of the time, but we suspect he had his eye on more than one 20th St. Queen.

VIC HENRY Vic went highbrow and worked for the Dept. of Education in Regina for the greater part of the summer.

STEWART KEDDY Stew looked after the registration office at Waskesiu, Prince Albert National Park. After this summer, Stew says that a girl should stick to her knitting, especially if it's a knitted bathing suit.

ALLAN KEEVIL Al was chief dandelion picker for the University for most of the summer, going harvesting in the fall. Al reminds the fellows that though love may be blind, it finds its way in the dark.

STUART LADD Worked at drafting and field work for the Civil Aviation Dept. of the Federal Gov't. at Regina. Stew says "Never give a girl a free hand or she may slap your face with it".

BILL MCPHERSON Bill was God's gift to women at Flin Flon this summer, doing surveying work over the Hudson's Bay Mining and Smelting Company's properties. We are told that no less than ELEVEN lassies were at the train to see him off.

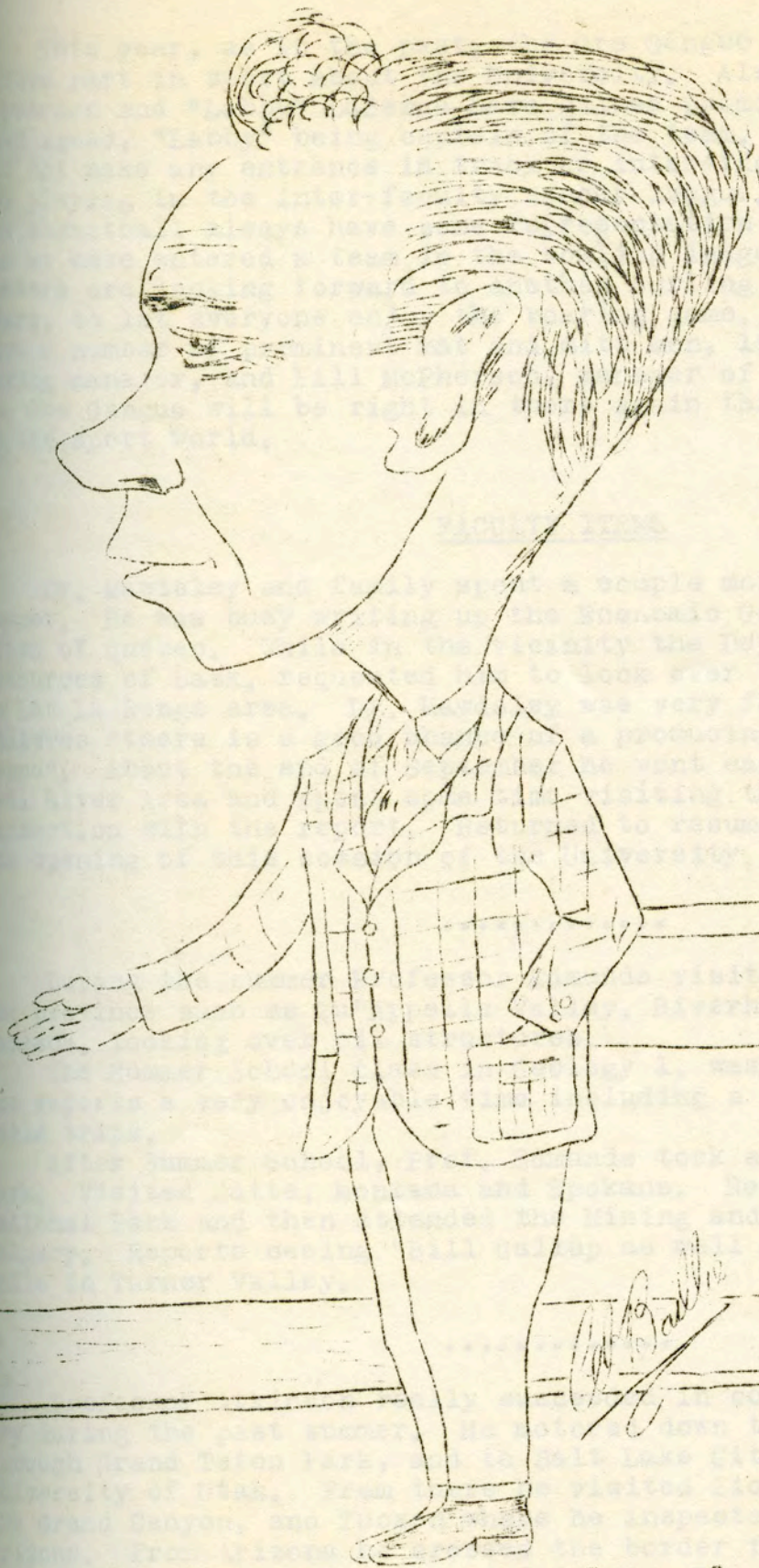
GEORGE PEEK "Corbie" stayed at home to give Zelma lassies a break, and hunted for outcrops on his Dad's farm.

HAROLD ROBINSON Was a boatman and guide at Lake Waskesiu. After running boats and canoes around the park all summer, Robbie says that the quickest way to get a girl on the sea of matrimony is to give her a sails talk.

BERT TAYLOR Bert was another Ganguester who went back to the land for the summer, working on his folks' farm.

GERRY THODAY Gerry spent another summer barbering the Varsity lawns, and, after noting the summer school gals, says that a girl's face may be her fortune, but her legs draw the interest.

HOWARD WATSON Howie spent a quiet summer at home, and went into the Ft. Qu'Appelle Sanatorium in mid-August, to investigate the nurses there. The chief observation of his report is "Girls with curves have trouble getting a square deal". Howie hopes to be out of there next spring, and meanwhile would appreciate a letter from the fellows now and then.



"Here's to the man of the fossils and soil
Here's to the man who knows all about oil."

GANGUESTERS IN THE SPORTS WORLD

H. Robinson

This year, as in the past, the Ore Gange members are taking an active part in sport about the University. Already, two members, Bill McPherson and "Labby" LaBerge have gained prominence with the varsity grid squad, "Labby" being captain of the team. Though the members did not make any entrance in track or inter-faculty rugby events, one was playing in the inter-faculty soccer league. Inter-faculty hockey and basketball always have some representation from the Ore Gange, and we have entered a team in the bowling league again this year. Members are looking forward to another curling draw as in the last two years, to let everyone enjoy the roaring game. The lab. will again have a number of prominent mat and mitt men, led by Gerry Thoday, boxing manager, and Eill McPherson, manager of wrestling. Altogether, the Ore Gange will be right in there again this year, doing its part in the sport world.

FACULTY ITEMS

Dr. Mawdsley and family spent a couple months at Emma Lake this summer. He was busy writing up the Economic Geology of the Pre-Cambrian of Quebec. While in the vicinity the Department of Natural Resources of Sask. requested him to look over the recent developments in Lac La Ronge area. Dr. Mawdsley was very favorably impressed and believes "there is a good chance of a producing area eventually being found". About the end of September he went east to Ottawa and Rouyn Bell River Area and spent some time visiting the mines in this area in connection with the report. Returned to resume his usual position at the opening of this session of the University.

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During the summer Professor Edmunds visited a number of places in the province such as Qu'Appelle Valley, Riverhurst, St. Walburg and Kamsack, looking over oil structures.

The Summer School class in Geology 1, was led by Mr. Edmunds who reports a very enjoyable time including a number of interesting field trips.

After Summer School, Prof. Edmunds took a trip to Yellowstone Park. Visited Butte, Montana and Spokane. Returned by way of Glacier National Park and then attended the Mining and Metallurgy Meeting at Calgary. Reports seeing "Bill Gallup as well as a number of oil wells" while in Turner Valley.

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Professor Atkinson really succeeded in covering a lot of territory during the past summer. He motored down to Yellowstone Park, through Grand Teton Park, and to Salt Lake City, where he visited the University of Utah. From there he visited Zion Park, Bryce Canyon, the Grand Canyon, and Tucson where he inspected the University of Arizona. From Arizona he crossed the border for a short stay in Mexico, then came up the west coast, visiting San Diego, Los Angeles, Yosemite Park, San Francisco, Vancouver and Victoria, and then home. Altogether he covered some 5400 miles. He took a great many pictures in the trip, which the fellows are all looking forward to seeing at an early date. Prof. Atkinson is now busy with a very full schedule of lectures, and is lecturing in Geology 151c this year, which is an advanced class in Descriptive Geometry.

THE ORE GANGUE PARTY

H. Robinson

The Ore Gangue's Fall Fun-Fest proved well up to the usual high standard, as about 25 couples were on hand at the Blossom Room of the Gem Cafe to enjoy an evening's dancing. An exceptionally fine lunch was provided by the committee in charge, and though most of it was polished off in short order, some was seen in members' lunch buckets on the following morning.

The highlight of the evening was the introduction of various members by means of a number of poems, mostly composed by "Carnival Cut-up" Baillie, in which Wilf got back at many of the fellows for rumours circulated about his activities on Hallowe'en. More than one tough Ganguester was noted with a rather crimson complexion, as long buried dirt was dug out for the enjoyment of all. In keeping with the war situation were a number of "Blackout" waltzes, and more than one "Lipstick Leech" had a real field day in the corners. The party broke up at 1 A.M. with the feeling that there should be many more like it.

A YEAR SPENT IN EUROPE

By Henry Fast

After a prospecting trip with Bill Gallup, north of Lake Athabasca in the summer of '38 I had the opportunity to go to Europe in the employ of the Colonization Department of the C.N.R. My work was not geological, it was mostly in connection with agriculture and in a few cases industry.

I must say that I do not regret the year over there. I had an opportunity to see all the countries north of and including Czechoslovakia. Life, as most of you know, is more interesting than in Canada. It is an older civilization and as such has different outlooks on life. One need never have a dull moment in an European City. No matter what one's taste is--there is food for it.

Geologically I did not learn much. It was difficult to get appointments to look over a mine. There was always the suspicion of being a spy who wanted to size up resources. I happened to have the opportunity though to look at the salt mines in south-western Poland and the silver mines in Slovakia. The latter are coining most of the money for the near east and are also known for the coinage of the famous ducats of old Rome.

During the month of August I had the opportunity to join an excursion to Nord Kapp of Norway. It is well north of the Arctic Circle. On my way north I spent a day in Tromsø, the port from which the iron ore of Sweden is shipped to various countries, mostly Germany. I could not, however, go inland to look at the mines. The ore is hauled across the mountains by double drive electric motors, no steam power used anywhere.

Of course the most significant thing about Norway are the Fjords. All the way north it was a study of topography. The peaks rise to 10,000 feet, and the depth of the fjords are in places 4,000 feet, greater than the deepest area in the Baltic Sea. Vegetation becomes very scarce and eventually disappears as one goes on after passing the Arctic Circle. Erosion also, is more mature, the mountains are lower and more flat-topped than in the south. Right at Nord Kapp the mountain range is only 900 feet at its highest and absolutely flat on top. The mountains are practically all sediments and are not mineral bearing.

On August 28th, when the Germans started to march into Danzig I had to leave Warsaw. Travel was difficult but I came out unharmed. I left England on the 10th of September. The trip was rather exciting but my company was so congenial that I enjoyed myself immensely in spite of having been chased by submarines on two occasions.

THE NEW DEAN OF ENGINEERING

Dean Mackenzie has accepted a position on the Research Council and his position here has been taken by Professor Spencer.

Last summer Professor Spencer took a trip through parts of Alberta and British Columbia visiting operating mines, with a view of aiding him in giving the course in Mining to the Geological Engineers. This was made possible by a grant advanced by the University, which covered part of the expenses. Mr. Spencer has had previous mining experience, not to mention the fact that he was with the Engineers Overseas in the last war. He served with the Tunnellers and was awarded the M.C. and Bar.

The Ore Gangue wishes to express their gratitude to the University and to Professor Spencer, for the interest they have shown in our behalf.

MEMBERS' BOOK

Your Editor has spent considerable time this fall in bringing this worthy undertaking up to date. At present there are some sixty graduate members on the roll. In the early history of the Geology Department it was not very difficult to obtain news from the grads because of the small number, but, obviously that task is getting more and more difficult.

The number of graduates and the years in which they graduated are as follows:

1929... (1).	1930... (1).	1932... (2).	1931... (1).	1933... (2).
1934... (1).	1935... (4).	1936... (13).	1937... (10).	1938... (6).
1939... (19).				

Naturally we are very proud of this list and the manner in which it has persistently advanced in the right direction. We may truthfully state that our department is getting bigger and better every year under the excellent guidance of our faculty. Our one wish and hope is that it will continue to do so throughout the years.

It would certainly facilitate matters for the executive if every member or former member would make a solemn vow to write a letter at least once a year to the Geology Department, revealing his whereabouts and any other information which he might care to divulge. All in favor, say "AYE". From the volume of the sound produced by your answers, we are certain that the annual letters will be forthcoming in the future. Thank you.

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Great Britain has contracted to take all the Lead and Zinc produced by our Canadian mines, amounting to about \$30,000,000 annually. This report has just come over the radio. Previously she had agreed to take all the Copper, about \$35,000,000 annually.

THE REUNION BANQUET

Jack Browning

Behind the old familiar swinging doors the Ore Gangue gathered to resume activities where they left off last year. Honors for the night went to George Warning, Sandy Sanderson and Wilf Baillie who became Popes. After the formal "long table" gathering the Popes, Faculty and Ganguesters retired to the Oak Room where an enjoyable meal was served.

Impromptu addresses were given by the faculty, graduates and those who had spent the summer in the field. Dr. Mawdsley offered very sound advice on where the University student and graduate stand in time of war. He drew a comparison between the conditions at the outbreak of the present war and at the time of the last Great War.

Professor Edmunds gave the first statement of the Ore Gangue Funds. He expressed his keen appreciation to the members and grads who have in the past contributed to the fund and this made possible his trip to England, and this year's trip to the Yellowstone National Park.

Professor Atkinson gave an account of his trip to the Pacific Coast. The Gangue are anxiously waiting to see the moving pictures of the trip.

Ben Allen, resplendent in his uniform, told the Gangue of his summer in British Columbia. Although he had little time for sight-seeing he covered considerable country.

Erle Crull boasted about his ability to whack out the best pancakes of anyone in the La Ronge area. Dr. Mawdsley's opinion seemed to differ somewhat but then the Dr. never got a real sample according to Erle.

"Sandy" Sanderson gave an account of his and Barney's prospecting escapades on Amisk Lake. It seems that prospecting in civilization leaves little to be desired. Why one can even throw picnics and have real white girls at them.

Hank Fast surprised the whole Gangue with a detailed account of an ocean voyage to Cape North, Norway, on which he was a guest. The Steamship Company even provided a hostess to make the "shy" fellow feel at home. However, the war broke up the start of a sweet romance.

Wilf Baillie told of his summer on the G.S.C. in the Gordon Lake area under Dr. Henderson. The summer was spent in mapping structures in the sediments in detail.

Don Douglas was chairman for the affair and introduced the various speakers. At the conclusion of the speeches a short sing song was held and the members retired behind the swinging doors.

.....

"Famous Phrases"

"Holy Sailors" who has been "Mugging things up"? The only thing to do is "think in terms of" diamond drilling and "mull things over" which will enable us to "stagger along" for a while longer. It has been said that "an engineer is a man who can do with one dollar what any damn fool can do with two" and coupled with that remark, "If a man isn't reliable he isn't worth the powder to blow him to Hell". Now what have we done, we are "up against the gum tree" and "can't tell one from tother".

ORE GANGUE PARADE
by "Vic" Henry

At last the Ore Gangue has received its dues--fame (without fortune).

When the Varsity Reunion Day Parade was in plan but not in elevation the Ore Gangue's "Brain trust" got in a huddle and did some prospecting for ideas on an Ore Gangue section in the parade.

The results were amazing. On Monday, Oct. 9th, at 10 A.M., a fairly representative cross section of the members appeared on the scene dressed for the most part in their "hangovers" from the summer spent up North. Some of the boys brought along packing boxes and what have you to fill up their ruck sacks--with the possibility of winning an admiring glance from some shy-eyed lady along the route. You know--these strong silent men of the North!

Perhaps the center of attraction was the Ore Gangue's newly adopted Mascot--Maud the Mule. She was docile enough under the gentle persuasion of "Butch" Ladd and Vic Henry who were given the great responsibility of leading her.

Jeff Caverly, dressed in a beautiful fur hat, and bearing the Ore Gangue Crest, rode along in state, atop the well loaded Maud. Hill and Thoday were deputed to keep either Jeff or the pack from slipping with the result that not even the smallest pick and shovel were lost.

Sandy Sanderson, our worthy past-president gave a good deal of local color to the parade. He used some brand of shoe polish, likely Two in One, to give the crowd a real picture of the dark faced miner.

During the parade, numerous yells and songs were given by our lusty voiced members. Their yells were the best. A new Ore Gangue yell appeared en route. O-R-E G-A-N-G-U-E ORE GANGUE! This came out with as much solidarity and force as the famous Engineers' Forty Beers. The song, attempted several times, was rather weak in the middle--the first and last of it came out quite strongly--especially the latter part, "We never stagger, we never fall....."

After the parade, the boys had a little parade of their own down the main drag of the city. Passing the Flanagan Hotel without a call was too much for some of the fellows so there was a temporary halt in front of the beer parlor. Since "Ladies" were not allowed, and Maud didn't even look interested, the parade moved on to our camp in front of the post office.

Most of the pictures taken were of our section of the parade and without a doubt we were victims of an injustice when we didn't get the prize. However, we all had a lot of fun.

.....

If thou are worn and hard beset
With sorrows that thou wouldst forget,
If thou wouldst read a lesson that will keep
Thy heart from failing and thy soul from sleep,
Go to the woods and Hills! - No tears
Dim the sweet look that nature wears.

Longfellow.

.....

FAMOUS LAST WORDS

"I want to be a Cardinal once."

C.O.T.C.

With the greatest enrollment in the history of the University the Officers' Training Corps is well under way for a season of active training. Under the guidance of Lt. Crawford and Sgt.-Major MacCullough, almost four hundred students and graduates are being prepared for commissions in all branches of the service. Due to the great increase in numbers there was an acute shortage of Non-commissioned Officers to aid the training, but this is being gradually remedied by an N.C.O's. school.

Special consideration has been given to students enrolled in the O.T.C. on account of the amount of time involved. Arts and Science students were allowed to drop one elective while the Engineers were allowed exemption from certain classes and labs.

Qualifications for commissions can be taken in the following: Artillery, Signals, Engineers, Machine Guns, Infantry and Medical.

The Ore Gangue is well represented, having: one Lieutenant; one Company Sgt.-Major; one Sergeant; three Corporals; and twelve Cadets.

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This year there is a rather marked decline in the number of students enrolled in the Geology I class. The reasons are not obvious for this reduction. Maybe the University body does not realize and appreciate the value that this class gives. Possibly it would not be detrimental if we adopted some of the business tactics and did a little active advertising. This might be accomplished by inviting outsiders to our Seminars. Then, again, later on this fall we plan on having a few motion pictures of mining activities and trips taken through country with interesting geological features. Surely these would be of interest to outsiders and might serve as a stimulus.

The above statement may seem contradictory to what has been said elsewhere in this issue concerning the lack of accommodation and space for our classes. True, it may be, but then is there any harm in trying to make our part of the University Bigger and Better every year? The lab. work has developed on a much greater scale than ever before and naturally is demanding more space. Really, we are no more crowded than a number of other colleges on the campus but the efficiency is bound to be reduced under cramped conditions.

The part taken by the Ore Gangue in the Reunion Parade certainly did its part to make the people conscious that there was such an organization on the campus. Let's keep up the good work and encourage visitors to our functions.

SLUDGE

We asked our lady geologist if it bothered her working with so many men in the labs, to which she answered that a girl who exercises self-control never has to wrestle with her conscience.

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When asked how he managed to go out with so many lovely European Frauleins and yet come back to us a single man, Hank Fast said that a bachelor is a man who makes mistakes but doesn't marry them.

.....

We note that the faculty is up to its old tricks again this year. All the ladies taking Geology 1 this year are placed in one lab. section and our foxy Irofs. have given them a married man for an instructor. An organized revolt threatens against such cruelty. There is a rumour that the registrar is to be petitioned to put a couple Geology classes on the Household Science and Nursing Curricula, to put us on an equal footing with Physics and Chemistry.

.....

This year, we are surprised to note the Ore Gangue members did not come up to last year's standard at the Hallowe'en Carnival. Nobody fell downstairs, and only 2 or 3 were noted as being happier than usual. Was it the influence of the W.C.T.U. or were you just broke, fellows? One well known man about the lab., however, was noted hanging onto all the ladies in sight, and a few others were heard giving the Geologists' equivalent of the Engineers' Hoity-Toity yell. Honest, Grads, it's a honey of a yell.....but can't be published here for obvious reasons.

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The students in one of the Geology classes a few mornings ago were much alarmed when Professor Edmunds, who was busy lecturing and, as usual, very engrossed in his subject, began to very actively slap his pocket. We had noticed that he had his hand in that particular pocket while he was talking to us. The pleochroic formula of Mr. Edmunds face was: from natural to slight pinkish. Finally the mystery was solved when the odor of burning sulphur was wafted throughout the room.

.....

For once the Ore Gangue's careful plans were upset. The boys figured they would be a cinch for the Household Science Ladies' Night, holding the Ore Gangue party two days before that function, but--alas--only one geologist attended! He figures his long four-mile walks home from the girl friend's have at last paid dividends.

.....

Those "Blackout" dances at the party have resulted in complications. A vigilante committee threatens to string up a prominent geologist-basketball player for his shadow schmooing with other fellow's girl friends.

EXECUTIVE OF THE ORE GANGUE FOR 1939-40

Hon. Pres. - Professor F. H. Edmunds
 Hon. Vice Pres. - Dr. J. B. Mawdsley
 Pres. - A. L. LaBerge
 Vice Pres. - J. M. Douglas
 Sec. Treas. - F. Klemmer
 Committee - Bill McPherson, Wilf Baillie
 Editor of Concentrates - G. C. Beard
 Assistant Editor - Harold Robinson.

OUR GROWING DEPARTMENT

It will be noted that this is not the "top" year as far as enrollment goes, but it is the second largest in our history, so we feel that we are still justified in saying, "Our Growing Department". There is one less advanced class being given this year, which would account for some of the decrease. Then there are less in the General Course as has been mentioned elsewhere.

	<u>30-31</u>	<u>31-32</u>	<u>32-33</u>	<u>33-34</u>	<u>34-35</u>
GENERAL GEOLOGY (Arts, Eng.)	44	125	119	104	94
Advanced Classes (Student Classes)	27	25	19	31	64
Total	<u>71</u>	<u>150</u>	<u>138</u>	<u>135</u>	<u>158</u>
	<u>35-36</u>	<u>36-37</u>	<u>37-38</u>	<u>38-39</u>	<u>39-40</u>
GENERAL GEOLOGY (Arts, Eng.)	104	100	132	179	149
Advanced Classes (Student Classes)	94	71	65	88	63
Total	<u>198</u>	<u>171</u>	<u>197</u>	<u>267</u>	<u>212</u>
Mining & Desc.	11	8	21	22	18

ORE GANGUE CONCENTRATES SUBSCRIPTION FORM

Enclosed please find \$ _____ as my subscription to the Concentrates.
