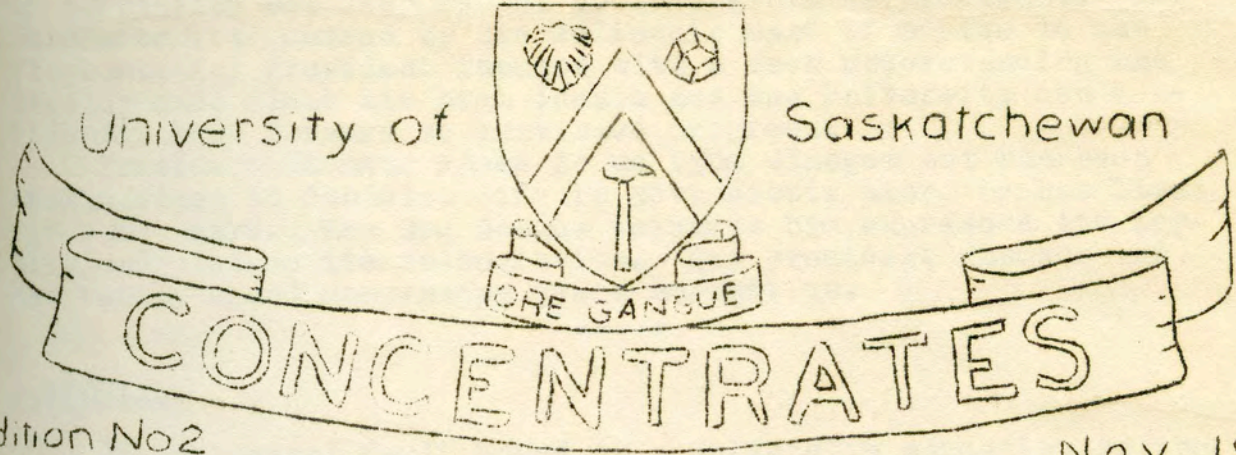
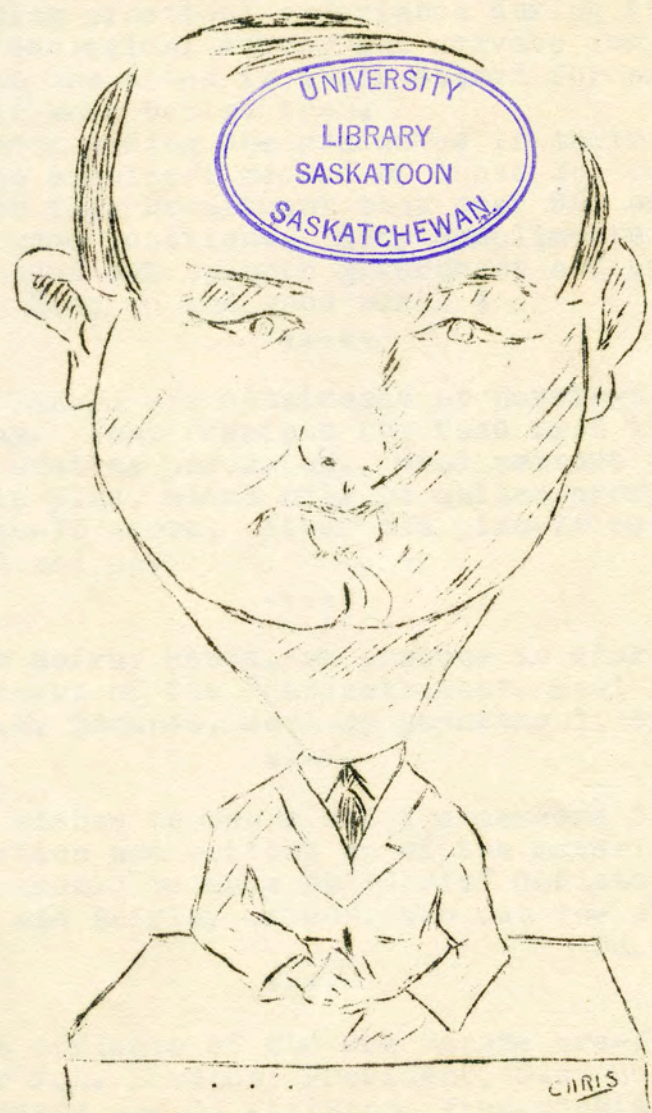


J.B. Handley



Edition No2

Nov., 1937



Dr. J. S. THOMSON

The most important events of 1937 in the life of the University have been the retirement of President Murray and the appointment of Dr. Thomson as his successor.

We all appreciate the great work of Dr. Murray for the University and the Province of Saskatchewan and take this opportunity of expressing our deep regret at losing him as President. The "unconformity" caused by his relinquishment of office is not flagrant, for President Thomson with a keen understanding has already made clear his high ideals and the University can confidently look forward to continued progress.

President Thomson comes to us from Glasgow but has been acclimatized to Canadian life in Nova Scotia where he has lived for some years. The Ore Gangue welcomes him, expresses its loyalty, and pledges its co-operation. May President Thomson and his family spend many happy years amongst us.

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EDITORIAL

The principal fault found in a University education is the lack of practical experience and practical ability. The geology students have been extremely fortunate, particularly the last few years, in obtaining practical experience during the summer months, employed by the Geological Survey and private companies. In this way the graduates are aided in their search for employment by having some field work behind them.

Another factor aiding the graduates in their search for employment is the excellent record of those who have gone before. It is a credit to this Department that over 95% of the graduates are employed in good positions. Many compliments to Saskatchewan men have been handed out by both government and private geology and mining men. Keep up the good work! !

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ORE GANGUE CRESTS are obtainable at Harrington's Jewelry Store on Broadway. Your receipts for fees from the Secretary, W. J. Sanderson, must be presented. Grad members should write to "bandy" for their pins, which will be mailed promptly. Prices are silver lapel pins-75 cents, silver tie pins-75 cents, gold pins-2.00, rings 3.00 and up.

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In order to defray costs, we propose to charge 25¢ for this and the spring issue of the "Concentrates". Mail your contributions to Prof. F. H. Edmunds, Geology Department, or to W. J. Sanderson.

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The Editor wishes to thank all the members that assisted him in the selection and writing up of the material in this issue. Special mention should be made of "Chris" Christopher, who drew the caricatures and Shirley Brydon, who cut the stencils.

THANK YOU.

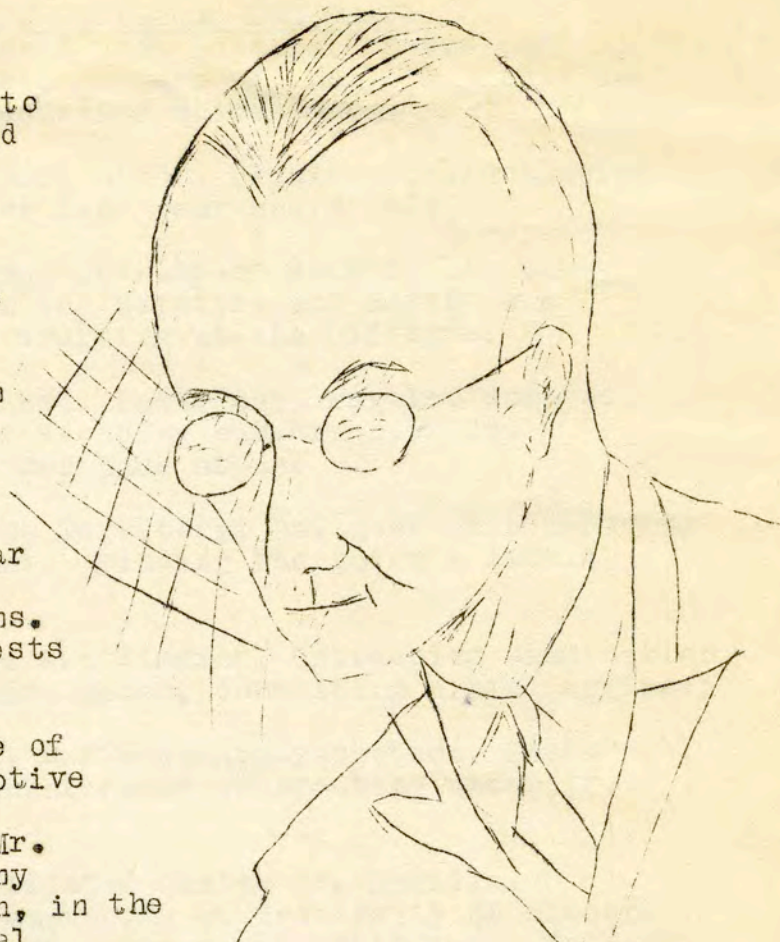
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This year's officers of the Ore Gangue are-Honorary President, Professor F. H. Edmunds; President, G. N. Moore; Honorary Vice President, Professor A. L. C. Atkinson; Vice-president, G. H. McDougall; Secretary, W. J. Sanderson; Executive committee-Wm. Gallup, A. L. LaBerge, Editor of "Concentrates, L. S. Hill; Museum committee, I. Christopher, Wilf Baillie, Frank Klemmer.

MR. GEORGE SHAW is with us this year during the absence of Dr. Mawdsley. He is well known to many of the older Ganguesters and by this time has impressed his personality upon the present members. Graduating from Saskatchewan in 1932 he took his Masters degree at McGill. This summer he mapped the Opawica Area in Quebec for the Geological Survey and the presentation of the map and report on this area will constitute his thesis for the Doctors Degree.

Mr. Shaw is a seasoned prospector, having spent one year with Prospector's Airways and two years with Geres Explorations. Apart from his geological interests he plays golf and builds boats, both accomplishments no doubt having been inspired by his love of the third dimension and, descriptive geometry.

On returning to Saskatoon Mr. Shaw has been able to dig up many relics from his well-spent youth, in the way of maps, tracings and mineral lists still in use in the Department. We extend to Mr. Shaw our very best wishes.



OUR GROWING DEPARTMENT

This year's registration shows an increase in the number of student classes taken in the Department of Geology. The following data, compiled by Professor Edmunds, indicates an increased interest in geology as a science class in the Art's course, and a slight decrease in the advanced classes taken this year.

General Geology	30-31	31-32	32-33	33-34	34-35	35-36	36-37	37-38
(Arts ' Eng).	44	125	119	104	94	104	100	132
Advanced Classes								
(Student Classes)	27	25	19	31	64	94	71	65
Total	71	150	138	135	158	198	171	197
Ore Dressing & Metallurgy, or Mining						11	8	21

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W.S. Sanderson and W. Gallup are conducting a night class in geology at the Technical School.

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Arrangements are being made to have Christmas cards printed for the Ore Gangue, and orders for these should be placed with the Secretary.

SUMMER ACTIVITIES OF THE GRADS

These short paragraphs, gleaned from letters, rumors and visiting firement attempt to give a picture of what the Gangue is doing in the field, and their respective whereabouts.

Allen, R.B./36-Central Patricia Gold Mines, Pickle, Ont.-geologist and engineer at this mine for last year and a half.

Akehurst, Alf./37- Box 611, Timmins, Ont.. Spent most of his time since graduating sampling in the McIntyre and North Dome Mines; now busy mapping and drafting at the McIntyre.

Ames, H./37- Baulora Gold Mines, Red, Laks, Ont. settled down as geologist at this mine after spending summer under Dr. Mawdsley in Pickle Lake and Red Lake areas.

Baker, Jack/36- Geita, Tanganyika Territory, Br. East Africa-having good results in the gold hunt. Finding the going a little tough with sickness.

Croteau, F.I./36 153 Balsam St. S.; Timmins, Ont.-doing examination and development work under Mr. Hatch, consulting mining engineer

Clarke, J. Murray Cordell/37-702, Dufferin Ave. Saskatoon, Sask. Spent summer in northern Saskatchewan prospecting under Dr. Wright now in the East.

Elsley, Byron./36-Benquet Consolidated Mining Co. Manilla, Phillipine Islands. After mastering at University of Wisconsin, decided not to give up his work in the Phillipine Islands although offered a fellowship at Wisconsin.

Garnett, R.C./35-Kirkland Lake, Ont. employed in that area. Recently took unto himself a wife.

Greig, Wendell./37-McGill, University, Montreal. P.Q. At McGill taking post-graduate work after spending summer in Labrador with the G.S.C. Several almost unbelievable stories have drifted west already.

Hart, E.A./36 -Amos, P.Q. resident assayer, says his job is too soft.

Hage, C.O./29- employed by G.S.C. this summer, probably doing post-graduate work this winter.

Hogg V./35 - Siscoe, P.Q.-now on the staff of the Siscoe Mines.

Landes, R.W./32-- Dept. of Mines, Ottawa. Obtained his phd. at Princeton last spring; employed by G.S.C. on Manitoba excarpment this summer, was a lab. visitor this fall.

Malouf S.E./34 -McGill University, Montreal, P.Q. taking post-graduate work after a summer of detailed mapping around Rouyn, P.Q.

Mcoss, A./36-McGill University, Montreal, P.Q. doing post-graduate work after a summer's detailed mapping in the Rouyn area.

- Mihm, Geo./37-Box 611, Timmins, Ont.,-has been sampling at McIntyre and North Dome Mines; also surveying and mapping for water power developments.
- Morrow, Harold./37-Queen's University, Kingston, Ont.,-doing post-graduate work after a summer prospecting in Northern Saskatchewan under Dr. Wright.
- Nicholson, T.A.E./32-Tuxford, Sask, Last heard of applying geology to farming.
- Nordal, J./34 -National Sewer Pipe Co; Hamilton, Ont. interested in hygienic geology.
- Parres, J.C./36 -Thetford Mines, P.Q.,-is in the geology department of the Asbestos Corporation.
- Penner, Dave./37-Timmins, Ont.,-now employed in this area after spending summer with the G.S.C. at Reindeer Lake.
- Redford, Les./36 -Timmins, Ont.,-employed sampling by McIntyre Mines and on exploration work; now at Malartic Mine.
- Robinson, W./36-McGill University, Montreal. doing post-graduate work. Has been with Mining Corp. north east of God's Lake, Man. for past year.
- Scott, J.S./35.-Timmins, Ont.,-working under Mr. Hatch in porcupine and Sudbury areas.
- Shaw, G./32,-508, Landsdowne Ave. Saskatoon, Sask.,-back at his Alma Mater taking Dr. Mawdsley's place for the winter. Spent the summer in charge of a G.S.C. party in Quebec.
- Stewart G./37-Peritt Gordon Mines. Sherridan, Man. on engineering staff of this mine.
- Swanson, Eric./37-518, 5th. Ave. Saskatoon, Sask.,-back at Saskatchewan taking post-graduate work after a summer's work on sun Bear properties at Gordon Lake N.W.T. Is reported to have left the folds of the misogynists, but no proof seen yet.
- Thompson, M.C./36-Geita, Tanganyika Territory, Br. East Africa.,-making a success of gold hunting in darkest Africa. Hasn't got that lion yet.
- Thompson, J.A./36.-Timmins, Ont.,-was geologist at De Santes Mine. May return to Varsity to take Education.
- Tibbet, Jack, /36. -reported to be back in eastern Canada after a six month prospecting trip in Baffin Land.
- Trenholm, L/36.-Pandora-Cadillac Mines, Amos, P.Q.,-on the engineering staff of that mine. Was a Saskatoon visitor this summer.

Weir, Don./35-University College, Oxford, England-back in Oxford after travelling through Germany and Switzerland this summer; also spent a considerable time in France. Finds the French climate much more pleasant than English. He is probably right, there are plenty of pleasant things in France.

A "Member's Book" has been purchased, in which each member and graduate will be given a page. Each year this book will be brought up to date with an entry of the member's address and his activities for that year. In this way an accurate record of the Gangue activities can be kept up.

Professor Edmunds spent the summer in England, Scotland and Wales, accompanied by his family. Part of the summer was, apparently, a geologist's holiday, for he spent some time tramping over areas that he studied in his student days. He reports a "bull session" with Don Weir and Professor Atkinson in London.

Professor Atkinson spent the summer in England, and from all accounts had a rather interesting time of it. The few details that he divulged have proved so interesting that we look forward to the evening seminar that he is planning on delivering soon.

Quoting a noted psychologist, "Love at college drags men's marks down 25%, while boosting women's marks up 20%." "C. Sanova" Denton, "Barrymore" LaBerge and "Gable" Moore seem to be doing all right without that extra 25%.

Lionel "One Man Gang" LaBerge starred again this season on the University Rugby team which retained its hold on the Hardy cup for this year.

Instructors for this year are -Geol.1, E. Swanson and G. McDougall; Geol.2, W.F. Denton, N.J. Fast and W.B. Gallup; Geol.11 and 12, W. Sanderson; Geol.41, W. Hancock and Geol.51c, G.N. Moore.1. Christopher is in charge of the museum.

Pilot McMullen-(as 5 geologists brought up their dinner over Lake Athabasca)- "We'll have to see the Government about having this road fixed.

FAMOUS LAST WORDS- Who's got any pennies???

On Oct. 16th. the Ore Gangue made a field trip to Eagle Hills and Battleford to study possible oil and gas structures. A 24 hour down pour did not dampen our spirits. The night was spent by some around the camp fire while others made night life in North Battleford. The trip on the whole was a huge success and hope it will be an annual outing.

UNDERGRADUATE SUMMER ACTIVITIES.

Bill Gallup, Neely Moore, Gordon McDougall, Erle Crull, John Wylie, Dave Siddons, and two graduates, Murray Cordell-Clarks and Harold Morrow, were employed by Churchill Valley Minerals Exploration Lmtd. as prospectors and assistants during the past summer. Various areas in northern Saskatchewan lying between Flin Flon and Athabasca were covered, and while results are uncertain, a wealth of experience was obtained.

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"Sandy" Sanderson worked under Dr. Mawdsley in the Red Lake area of Ontario-details carried elsewhere in this issue.

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Bob Pettigrew went east by cattle train, spent most of the summer employed in mines in Kirkland and Larder Lake areas; and had eventful trip home following his thumb.

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H. Fast spent part of the summer employed by James and Buffem on diamond drill crew and field survey; the remainder of the summer, sampled underground at the Hollinger.

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Bill Denton and Lionel LaBerge were employed on a 10-men G.S.C. party under Dr. Sproule in the Cree Lake area of Northern Saskatchewan, 3500 square miles were covered with reconnaissance survey.

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Waldo Clarke is somewhere in B.C.

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Louis Parres spent the summer in charge of development work on Sun Bear properties at Gordon Lake, N.W.T. Appears to have thoroughly corrupted Eric Swanson.

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L. Hill was employed on a 7-man G.S.C. party doing detailed mapping in the Yellowknife area, N.W.T. under Dr. F. Jolliffe,

GEOLOGISTS HOLIDAY

-W. Sanderson

During this last summer Dr. Mawdsley was engaged in consulting work in conjunction with W.F. James and B.S.W. Buffam, consulting geologists. Harold Ames and Bill Sanderson were fortunate in being chosen to assist him.

On May 27th. Ames flew into Nytor Patricia property at Pickle Lake to start in on exploration work while Dr. Mawdsley and Sanderson went in to geologize the Cochenour-Willans Mine in Red Lake.

At Cochenour-Willans the gold varies wildly in ununiform shoots and pockets consisting of gash veins of gold-bearing quartz associated with carbonate veins in highly fractured and sheared rhyolite. It was up to Dr. Mawdsley to unravel the structure of the deposits, and predict possible location of more ore shoots. About a month was spent mapping underground and on the surface, making sections, logging core and strain ellipsoidalizing.

Central Patricia Gold Mines in the Pickle Lake Area was the next step. The three levels of the Springer Shaft of Central Pat were mapped and geologized, surfact outcrops mapped in detail with transit and stadia, and an exploratory diamond drilling campaign laid out. Previous underground maps by James and Buffam of the Central Patricia Mine proper were brought up to date and predictions of possible ore shoots and a campaign of exploration by diamond drilling along the new band of iron formation found in the 1300 ft. station was drawn up.

The last two weeks before Sanderson left to return to university were spent at the MacLeod-Cockshutt Gold Mines at Little Long Lac, the chief object being to see if the resident geologists had in any way missed any important details as to structure and possible ore zones, and to aid them in untangling any difficulties.

Ames, at Nytor Patricia all summer, kept himself out of serious mischief with a strenuous campaign of dip needling, claim traversing and mapping, spotting diamond drill holes, logging core, and stripping the few outcrops that were around. When Sanderson left for home, Ames went in to Red Lake Gold Shore Mine; in Red Lake, to do surfact and underground mapping with Dr. Mawdsley. From there he received employment with the Paulore Gold Mines.

Earlier in the summer Dr. Mawdsley had intentions of going into Opemiska in Quebec after he was finished with Red Lake. Dr. Mawdsley is also interested in the age of gold in relation to associated fractures, movement, and vein fillings, and will probably do some work on this during the winter.

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PRELUDE TO A PINK AND BLUE SYMPHONY.

H. East.

The symphony opens with a very slow movement when an alarm clock goes off at 5 A.M. Two inert lumps in the depths of Beauty Rest mattresses on twin oak beds, completely out of sight beneath pale blue bedrooms, sluggishly project hands towards the noise, knock over a fragile lamp a piece, swear, grab the clock, disconnect a white enamel French cradle telephone in the process, swear, wrestle with the clock and finally two heads appear—a red one and a curly one. Four dainty feet hit a beige and blue carpet, slide into neat little blue and pink slippers. At one and the same time the boys make an adagio motion towards the shower a black and white tile affair with numerous shelves with a lavish supply of bath salts and powders of "Evening in Paris". With much splashing and many strange noises they emerge wrapped in green and white towels and head for the shaving kit, well stocked with rejuvenating creams, powders and perfumes. They emerge from the bathroom smelling like a morning in May. They come—a tie from drawer no.1. in the chiffonier, a shirt from drawer no.2 a pair of socks from drawer no.3, etc. to drawer no.10. The pyjamas are tucked in pink and blue bags and hung from the bed posts. Akehurst to the vanity dresser, seats himself on a bench covered with pink satin vigorously plies a nail file and comb. Mihm appears and kicks him off and proceeds with his dressing. Then with dainty lunch kits the boys are off to McIntyre for a day's sampling.—Boys, who wouldn't be a geologist. &&

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FALL BANQUET-H. J. Fast.

On Oct. 7th. a banquet was held to celebrate the reunion of the old members of the Ore Gangue, and to introduce the new members. The committee in charge was Gallop, LaBerge. Everybody enjoyed the steak and liquid refreshments. The time for the banquet was 6.15 P.M. When the writer and a few friends arrived 15 minutes late nobody apparently had arrived. Upon investigation it was found that the members had strayed to leather chairs around tables behind the swinging doors of the King George. At 6.45 however, everybody was ready to demolish the steaks.

Neely Moore introduced Mr. Shaw, who was well received and applauded as a new member of the staff. After dinner an enjoyable hour was spent in relating the experiences of the staff and all the members in their widely diversified activities during the summer. Mr. Shaw gave a short talk in which he voiced his willingness to carry on the work left to him by Dr. Mawdsley. Next, Professors Edmunds and Atkinson related their experiences in a trip to England. Professor Edmunds told us, among other interesting things, that he and Professor Atkinson both had lunched with Don Weir, Sask. Rhodes Scholar, in London, Prof. Atkinson was interested in antiques, so he was shown the Gerne Giant, the prolific monster of late neolithic times. It is a cut 180 ft. high into the face of a chalk precipice, an artistic piece of work in every detail. Following these talks, students from various localities told of their work and everyone voiced success and interest in the work they had been doing. In between speeches Neely Moore tried to humor the boys with a few stories, but admitted finally that it was as hard for him to remember stories as the fact of a fan dancer.

After the banquet the boys spent the remainder of the evening in pursuit of various entertainments, the majority attending a dance at the Avenue.

LAB ACTIVITIES . J. Browning.

Session 1937-38 opened with a larger Ore Gangue than ever and under the direction of an enthusiastic activities committee of Lionel LaBerge and Bill Gallup we are looking forward to a big year. Pre-Christmas seminars are lined up. On Oct. 21st. Bill Gallup spoke on "The Future of Northern Saskatchewan". He covered the total field of resources and pointed out a bright future if some cheap transportation can be provided. Mineral prospects were well known, and chief interest centered on the first Saskatchewan producer at Amisk Lake. Developments in fish, fur, and timber resources are promising. The seminar closed with a discussion under Prof. Shaw on what was the best use to be made of Saskatchewan's deposit of a cubic yard of tar sand.

On Nov. 4th. W. Sanderson will discuss "Underground Mapping" and on Nov. 18th. H. J. Fast will talk on "Underground Development and Blasting".

Regular routine is under way in the labs. Prof. Edmunds is again playing with the "little bags of dirt". Prof. Shaw is completing his work for the G.S.C. L.S. Hill and J.M. Browning are assisting Prof. Edmunds on the well samples.