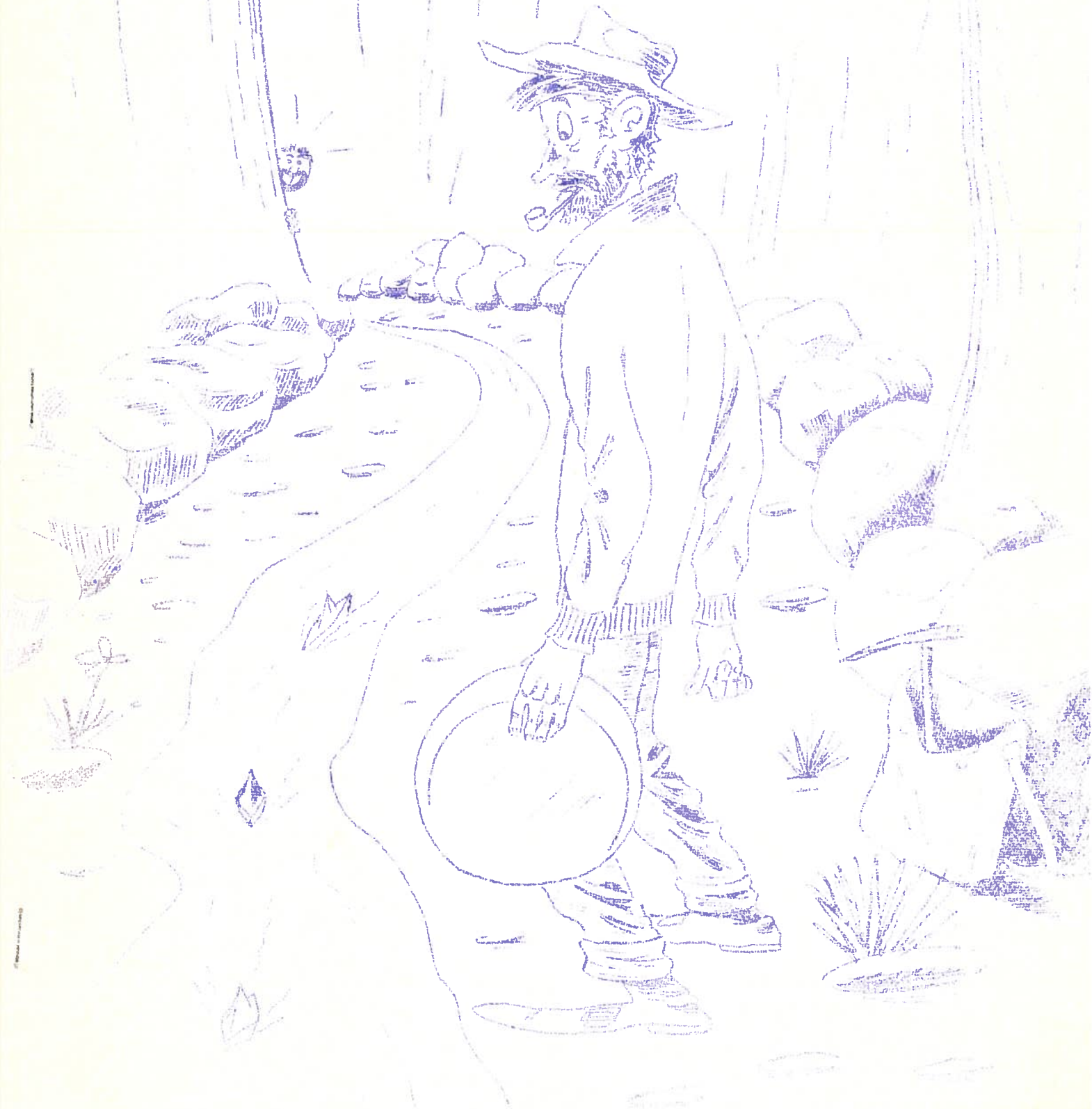


# THE CONCENTRATES

1958 - '59



OFFICERS - 1958-59

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Vice President	Larry Zarvsky
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Concentrates

Editor	Paul Gagnon
Assistant Editor	Murray Reed
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## MEMORIAL

In this fiftieth year of the University of Saskatchewan, we are celebrating our golden anniversary. Expansion has been prosecuted, and in particular, the geology department has undergone extensive growth. With the new quarters and facilities, the latter in part a result of gifts of industry and interested individuals, the greatest possible return should be obtained on the investment.

Two outstanding men, Dr. Caldwell and Professor Nind, have been appointed Assistant Professors; geophysics and vertebrate paleontology courses have been added, and equipment of value over \$25,000 has been purchased for Dr. Smith's mineralogy laboratory.

With the continuing growth, the faculty has strived to prepare us for the challenge of industry or graduate research. The faculty has given us the tools, it is up to us to use them. The best thanks they receive is the knowledge that students have done well.

Number handled by the Department  
1958-1959

	<u>Student-classes</u>	<u>Individuals</u>
Geology 1 (Arts)	110	110
Geology 2 (Engineers)	296	296
Senior classes	<u>273</u>	<u>70</u>
	679	476
Biological Sciences A (six weeks)	227	227
Graduate students in session	6	6

Numbers in Graduating class of 1959

Geological Engineers	7
Petroleum Engineers	4
Honours Arts and Science	3
Pass Arts and Science	<u>19</u>
	32

Graduates

D. E. Geological Engineering (1957-58)	171
B. E. Petroleum Engineering (1956-58)	31
B. A. Honours Geology	19
B. A.'s Geology	<u>151</u>
B. A. and M. Sc. Geology (1947-58)	27

(seven not in session have details to finish)

21 graduates have received Ph.D.'s elsewhere and  
10 are at various stages of obtaining it.

The following, to the best of our knowledge, are the correct addresses of all the grads of whom we were able to obtain records. Please notify us of any errors or omissions so that the records may be kept up-to-date for the next issue of the Concentrates.

Class of '29

BYRNE, C. D. - Consulting, 103 Derrick Building, Calgary, Alta.

Class of '30

KEEVIL, N. B. - President, Mining Geophysics Corporation Limited, 11 Jordan St., Toronto.

Class of '31

WILSON, N. L. - 2 Donegal Avenue, Greenside E., Johannesburg, Union of South Africa.

Class of '32

MICHOULSON, T.A.E. - Farming, Tuxford, Sask.

SHAW, G. - Geological Survey of Canada, Ottawa, Geophysical Research

Class of '33

GARNETT, R. E. - 118 Martin Avenue, Winnipeg, Man.

LANDES, R. W. - Assistant Manager in charge of Exploration, Imperial Oil Limited, Calgary, Alta.

Class of '34

VALOUF, S. E. - Consulting Geologist, Box 134, Chibougamau, P. Que.

NORDAL, J. G. -

Class of '35

HOGG, C. A. L. - Consulting, 2501 Wascana Street, Regina, Sask.

SCOTT, J. S. - Kenneco Explorations Limited, Room 502, 402 West Pender St., Vancouver, B. C.

WEIR, J. D. - Vice-president, California Standard, Medical Arts Building, Calgary, Alta.

Class of '36

GLAN, R. B. - Geologist, Faraday Uranium Mines, Limited, Pancroft Area, Ontario

BAKER, J. H. - Hon. John H. Baker, M.L.C. Chairman Lands and Mines Committee  
Taganyika Unofficial Members Organization, c/o The Secretariat,  
Dar es Salaam, Taganyika.

CROTEAU, F. L. - Osler, Hammond and Nanton, Calgary, Alta.

ELSLEY, B. C. - 11913 Heritage Lane, Houston 24, Texas.

HART, E. A. - Quyon, Que.

Class of 136 (cont'd)

- HARVEY, R. A. =  
MOSS, A. E. = Chief geologist, Iron Ore Company of Canada, Montreal 9, P.Q.  
8495 = Decarie Blvd.  
PARRES, J. C. = Managing Director, Dee Explorations Limited, 502 Standard  
Building, Saskatoon, Sask.  
ROBINSON, W. G. = Geologist for Ventures Limited, Noranda, P.Q. Box 125  
STEWART, G. T. = Deceased, 1953.  
THOMPSON, M. C. = Canuck Gold Mines, Isaka, Tanganyika, South Africa  
THOMSON, J. A. = Box 97, Yellowknife, N.W.T.  
TIBBITT, J. F. = 822, 16th St. N.W., Calgary, Alta.  
TRENHOLM, L. S. = Consulting Geologist, 186 Frontenac Avenue, Noranda, Que.

Class of 137

- AKEHURST, A. J. = Shell Oil Company of Canada Limited, Calgary, Alta.  
AMES, H. = 800 Colony Street, Saskatoon, Sask.  
CLARKE, J. M. C. = Dominion Acids Corporation, Winnipeg, Man.  
CREED, D. A. = R.C.A.F. Rockcliffe, Ont.  
FOULDS, W. A. H. = Ft. Qu'Appelle, Sask.  
GREIG, E. W. = Aluminum Co. of Canada, Hudson Heights, P.Q.  
MackAY, D. G. = Aeromagnetic Survey Limited, 1450 O'Connor Drive,  
Toronto 16, Ontario  
MORROW, H. F. = 2592 Bowker Ave., Oak Bay, Victoria, B. C.  
PENNER, D. G. = Research Geologist, Royalite Oil Company, Calgary, Alta.  
REDFORD, L. R. = Anson Mines, Timmins, Ontario, Mine Manager.  
SWANSON, E. A. = Buchans, Newfoundland

Class of 138

- BERENBOM, George = 8678 = Bay Parkway, Brooklyn, 14, N.Y.  
CHRISTOPHER, I. C. = Geophysical Consultant to Mogul Mines, Toronto, Canada  
CRULL, E. T. = Dickenson Red Lake Mines, Limited, Dalmerton, Ont.  
DENTON, W. E. = International Petroleum, Talara, Peru  
GALLUP, W. B. = Gallup, Buckland, and Farney, 830- 8th Avenue W, Calgary, Alta.  
HANCOCK, W. P. = Merrill Petroleum Limited, 7th Avenue, S.W., Calgary, Alta.  
McDOUGALL, G. H. =  
MOORE, G. N. = Exploration Superintendent, C.M. and S., 215 Park St., Port  
Arthur, Ont.  
PARRES, A. L. = Consulting Geologist, Flin Flon, Man.

Class of 139

- BROWN, G. W. = Dupont of Canada, Toronto  
BROWNING, J. M. = Staff Geologist, Tennessee Gas Transmission, Houston, Tex.  
CLARE, H. = 115 25 Notre Dame St. E., Pointeaux Trembles, Montreal, P.Q.  
HAHN, H. G. =  
LABERGE, A. L. = Imperial Oil Limited, Devon, Alberta  
LAWSON, W. R. = Teaching at Balfour Technical School, Regina, Sask.  
NORRIS, R. W. = 1500 King St. West, Toronto, Ont.

- PETTIGREW, H. K. - Petroleum Engineer, Shell Oil Company of Canada Limited, Regina, Sask.  
SANDERSON, W. J. - Imperial Oil Limited, 2337 - 11th Avenue, Regina, Sask.  
SIDDCONS, J. D.  
THORSON, E. F. - Imperial Oil Limited, Edmonton, Alta.  
THRALL, G. W. - Chief Geologist, Levack Mine, INCO, 40 Mountain Avenue, Levack, Ont.  
WARNING, G. F. - H.B. Mine - C.M. and S. Co., Selma, B. C.  
WHITLEY, J. M. - Manager, Hoist Department, Canadian Ingersoll-Rand Co., 600 Birks Building, Phillips Square, Montreal, P.Q.

Class of '40

- BADENOCK, D. C.  
EAILLIE, W. - 1221 - 8th Avenue, Saskatoon, Sask.  
BEARD, G. C. - Beard Drilling Company, Calgary, Alta., 2002 - 24th St. S.W.  
CLARE, F. E. L. - Producing Department, Imperial Oil Company, Regina, Sask.  
DOUGLAS, J. M. - Mines Supt. Eldorado Mining and Refining Company, Uranium City  
FAST, H. J. - Chief Engineer of Maintenance of Way of Central Region, Union Station, Rm. 426, Toronto 1, Ontario  
GREENBERG, M. - 329 1/2 Fritchard Avenue, Winnipeg, Man.  
HENRY, V. D. - Youth Department Bureau, Toronto, Ontario  
KEEVL, A. R. - California Standard Oil, Calgary, Alta.  
McPHERSON, W. J. - Calvin Consolidated Oil and Gas, 403 Riverdale Avenue, Calgary, Alta.  
PEEK, G. C. - R.C.A.F., Summerside, P.E.I.  
THODAY, G. P. - Box 115, Hallowbury, Ont.

Class of '41

- AREHURST, E. L. - 489 Lake Shore Road, Beauport, P. Q.  
CAIRNS, R. B. - Mine Geologist, H.B.M. and S., First Flon, Man.  
CAVERLY, J. - Gardiner-Denver Company, Winnipeg, Manitoba  
CHACHULA, S. - Farming at Bienfait, Saskatchewan  
FRANTZ, J. C.  
HARDING, S.R.L. - J.C. Sproule and Associates, 901 - 8th Avenue, W., Calgary, Alta.  
IBBOTSON, J. - Pacific Petroleum, Ft. St. John, B.C.  
LADD, H. S. - U.S. Geological Survey, Washington, D.C.  
MARKLAND, G. D. - Britannia Mines, Mount Shear, B. C.  
SHIRKIE, J. - R.R. No. 1, Clairemont, Ontario  
TAYLOR, B. - Geologist, Quement Mining Corporation, 172 Frontenas Ave., Noranda, P. Q.

Class of '42

- COLE, J. R. - Shawinigan Chemicals Ltd., Shawinigan Falls, Que.  
CONNICK, T. - Imperial Oil Limited, 300 - 9th Avenue, Calgary, Alta.  
HAMILTON, F. J. - Consulting, 2136 - 29th Avenue S.W., Calgary, Alta.  
HARDING, S.R.L. - J.C. Sproule and Associates, Calgary, Alta.  
HONEY, G.

Class of '43

MARSHALL, G.M.T. = Chief Engineer, Geco Mines, Manitowadge, Ontario  
MORTON, R. E. = Shell Oil Company of Canada Limited, P.O. Box 180,  
Calgary, Alberta

Class of '44

COONS, R. M. = Co-ordinator, Oil and Gas Conservation Board, Saskatchewan  
Government Administration Building, Regina, Sask.  
EASTWOOD, G.E.P. = Department of Mines, Parliament Buildings, Victoria, B.C.  
IATOUR, B.A. = Geological Survey of Canada, Ottawa, Canada  
LEPP, H. = University of Minnesota, Duluth Br., Duluth 5, Minn., U.S.A.  
MATHEWS, J. C. = Geologist, Development Department, C.P.R., Calgary, Alta.  
THORSTEINSON, R. = Geological Survey of Canada, Ottawa, Canada (Victoria Museum)  
USHER, J. L. = Shell Oil Company of Canada, Limited, Calgary, Alta.  
WATSON, H. D. = Pipe Line Company, Edmonton, Alta., Box 4297.  
FORREST, J. W. = Calgary, Alta.

Class of '45

PORTER, J. W. = District Geologist, Canadian Superior Oil Company of  
California, Regina, Sask., (1810 Albert Street)

Class of '46

KIRKLAND, R. S. = Iron Ore Company of Canada, 1690 Graham Blvd.,  
Montreal, Que.  
KIRKLAND, G. O. = Britannia Mines, P.O., Mount Shear, B.C.  
MATHIESON, K. A. = Oilfields Consultant Limited, 5807 = 104th Street,  
Edmonton, Alta.  
OSTAPOVITCH, S. P. = Theodore, Sask.  
POUNDER, D. A. = California Standard Oil Company, Regina, Sask.  
SPROUL, W. R. = C. M. and S., Kimberley, B. C.

Class of '47

ASTON, H. F. = C.M. and S. Port Arthur, Ontario (215 - Park St.)  
CHERITON, C. = Mining and Smelting Company, Bathurst, N. B.  
DAHLSTROM, C.D.A. = California Standard Company, Calgary, Alta.  
PELOSKI, M. = (home adress) Box 1308 Portage la Prairie, Man.

Class of '48

PATLIE, R. M. = 2110 = 26th Avenue West, Calgary, Alta.  
BANNISTER, W. R. = California Standard Oil, Calgary, Alta.  
CALIMENTE, D. = 2860 = S. Commercial, Salem, Ore., U. S. A.  
COOKE, D. Y. =  
GRANT, G. D. = California Standard Oil Company, Calgary, Alta.  
HEWETSON, H. =  
HORNFORD, H. = Richfield Corporation, Calgary, Alta.  
KUTZ, K. J. = Snow Lake, Manitoba  
MacDONALD, G. K. = International Petroleum, Lima, Peru  
MacLEOD, R. = 1002 Division St., Billings, Montana, U. S. A.  
McNINCH, J. = J. C. Sproule and Associates, 901 = 8th Avenue W., Calgary,  
Alberta.



- POW, J. R. - Petroleum and Natural Gas Conservation Board, 514-11th Avenue West, Calgary, Alta.  
STUBBINS, J. - Iron Ore Company of Canada, Knob Lake, Que.

Class '49

- SEARCE, R. O. - Mobil Oil, Reservoir Engineer, Calgary, Alta.  
BLEAKLEY, S. B. - Imperial Oil, Calgary, Alta.  
BROWN, M. L. - Geologist, Aunor Gold Mines, Timmins, Ontario (166 Elm St)  
BUCKLAND, R. S. - Gallup, Buckland and Ferny, 606 2nd St. W., Calgary, Alta.  
CROCKER, C. S. - Howe-Sound Exploration Company, Snow Lake, Man.  
CUMBINGHAM, G. E. - Sinclair Oil Company (Div. Geol.) Calgary, Alta.  
DUNNETT, J. F. - Pt. Radium, N.W.T., c/o Box 160, Edmonton, Alta.  
FLOOD, A. L. - L-M Oils, Royalite Bldg., Calgary, Alta.  
FLAHER, R. J. - California Standard Oil Company, Calgary, Alta.  
GOULD, C.D. - McBride Oil Company, Regina, Sask.  
HANES, F. E. - Sohio Oil Company, Calgary, Alta.  
HAMILTON, G. J. - Royalite Oil Company, Calgary, Alta.  
HATELID, W. G. - H.B.M. & S., Flin Flon, Man.  
HAYGRUD, G. - Consolidated Mic-Mac Oil, Edmonton, Alta.  
JACKSON, K. E. - Geologist with Canadian Superior Oil Company, Edmonton, Alta.  
JANKOWSKI, L. V. - 8 Blanchard St., Minnow Lake, Ont.  
KNITH, J. W. - Tennessee Gas Transmission Company, Houston, Texas  
LAATSCH, H. K. - Canadian Superior Oil Company, Calgary, Alta.  
LOUCKS, W. A. - Calgary and Edmonton Corporation, Calgary, Alta.  
MCKEAY, I. H. - California Standard Oil Company, Calgary, Alta.  
MCKENZIE, R. O. - Geologist with Hudson Bay Oil and Gas, Calgary, Alta.  
MOREAU, M. J. - Moreau, Woodward and Company, Limited, (Geophysical Exploration) Box 522, Flin Flon, Man.  
NESBITT, J. - Geologist with Imperial Oil Limited, Regina, Sask.  
PEARSON, W. J. - Department of Mineral Resources, Government Administration Building, Regina, Sask.  
PICKEL, J. S. - Geologist, Imperial Oil Limited, Dawson Creek, B. C.  
RYMER, W. H. - Geologist, Texaco Exploration Company, Calgary, Alta.  
RODE, E. R. - Rush Lake, Sask.  
RUMPPE, B. J. - Pan American Petroleum Corporation, Calgary, Alta.  
SMITH, J. R. - Professor of Mineralogy, University of Saskatchewan, Saskatoon  
STEACY, J. A. - (home ) 3137 College Avenue, Regina, Sask.  
STOBART, J. E. - Dominion Oil Limited, Box 199, Port of Spain, Trinidad  
VARICK, J. S. - Production Staff of H.B.M. & S., Flin Flon, Man.  
WILSON, R. J. - Yellowknife, N.W.T.

Class of '50

- WEBER, J. S. - Sohio Petroleum, Calgary, Alta.  
DEVINE, J. - Imperial Oil Limited, Edmonton, Alta.  
FRANCIS, D. R. - Department of Mineral Resources, Government Administration Building, Regina, Sask.  
PRIESEN, P. S. - La Ronge, Sask.  
JACOBSON, F. P. -  
KIRKLAND, S.J.T. - Department of Mineral Resources, Government Administration Building, Regina, Sask.  
KOSTIUK, M. - Ontario Mining Association  
MUELLER, P. A. - Wakaw School Unit

POYAPOFF, P. - Falconbridge, Ontario  
POWLEY, D. E. - Pan American Oil Company, Calgary, Alta.  
SODERLAND, H. W. - Algoma Ore Properties Ltd., Jamestown, Ontario, Box 143.  
TOMLIN, M. M. - Devon Palmer, Regina, Sask.  
VOLLO, N. E. - Britannia Mining & Smelting Co., Snow Lake, Man.  
ZUROBEKI, M. - 1002 - 110th Street, North Battleford, Sask.  
KATELID, T. E. - Imperial Oil, Edmonton, Alta.

Class of '51

BECKIE, K. N. - H.D. Oil & Gas, 534A - 8th Avenue W., Calgary, Alta.  
CUMMINGS, G. L. - Canadian Gulf Oil Company, 1434 Westmount Blvd.,  
Calgary, Alta.  
JOHNSTON, G. K. - 1215 - 33rd Street East, Saskatoon, Sask.  
KENDALL, G. H. - Imperial Oil Limited, Regina, Sask.  
KERMEEN, J. S. - Consulting Geologist, Uranium City, Saskatchewan  
LESIUK, O. P. - Department of Mineral Resources, Regina, Sask.  
MCMILLAN, N. J. - Bureau of Mineral Resources, Canberra, Australia  
MULLOCK, J. E. - INCO, Lac la Ronge, Sask.  
SQUIRE, G. D. - Nance Exploration, Calgary, Alta.  
STALMACH, E. W. - Melville, Sask.  
TORRIE, J. E. - Sinclair Oil Company, Regina, Sask.  
VIGRASS, L. W. - Imperial Oil Limited,  
WILLIAMS, F. J. - Saskatchewan Federated CoOp., Saskatoon, Sask.

Class '52

AGAR, C. F. - Shell Oil Company, Calgary, Alta. (Production)  
ALMOND, P. - Iron Ore Company of Canada, Knob Lake, via Mont Joli, P.Q.  
BERG, C. A. - Sinclair Oil, Box 234, Regina, Sask.  
BOYKO, W. - 23 Cragton Drive, Apt. 310, Scarborough, Ontario  
CRANE, J.P.T. - Mobil Oil Company of Canada, Calgary, Alta.  
EDMONDS, R. - Shell Oil Company of Canada, Calgary, Alta.  
FRASER, D. J. - Sohio Petroleum Company, Calgary, Alta.  
HAYES, W. W. - Ceepee Oils,  
McLEOD, G. J. - Canadian Devonian, 1855 Rose Street, Regina, Sask.  
O'BRYEN, E. - Post-graduate work, University of British Columbia  
REISNER, C. H. C. - Limerick, Sask.  
ROTHERHAM, D. C. - Box 320, Lake Cowichan, B. C.  
VOGT, P. R. - Imperial Oil Limited, Regina, Sask.

Class of '53

BASARABA, K. E. - West Canadian Oil & Gas Ltd., 505 - 8th Avenue S.W., Calgary,  
JORDAN, S. P. - 2022 Argyle Street, Regina, Sask.  
MORTON, A. S. - 3311 St. Willard B. Tucson, Arizona, U. S. A.  
MAGDICH, F. S. - Texaco Exploration Company, Regina, Sask.  
MATHEW, P. R. - Granby Cons., Copper Mtn., B. C.  
WILSON, D. - Imperial Oil Limited, Calgary, Alta.  
WOROBAY, W. A. - Shell Oil Company of Canada Limited, Calgary, Alta.  
PAXTON, J. - Great West Uranium Company,

- 3 -

Class of '54

AMMITAGE, J. H. - Production Department, Imperial Oil, Dawson Creek, B. C.  
BERISOFF, M. - Calgary, Alta.  
CHRISTIANSEN, E. A. - Department of Mineral Resources, Southern Saskatchewan,  
Pleistocene, Saskatchewan Research Council, Saskatoon, Sask.  
CLARK, L. A. - Geophysical Laboratories, Carnegie Institute Washington, D.C.  
CROCKER, G. W. - Shell Oil Company of Canada Limited, Calgary, Alta.  
CRyderMAN, J. H. - Imperial Oil Limited, Regina, Sask.  
DUDAR, J. S. - 1009 Michigan St., Ann Arbor, Michigan, U.S.A.  
GISLASON, B. G. - Wynyard, Sask.  
LEE, R. E., - Canadian Superior Oils, Regina, Sask.  
MACRONE, A. W. - Shell Oil Company of Canada Limited, Calgary, Alta.  
OSACHOFF, S. - Shell Oil Company of Canada, Regina, Sask.  
PETRUK, W. - Geology Department, McGill University, Montreal, Que.  
SHRYLANKA, R. - Stanford University, California, U. S. A.  
THOMAS, R. B. - British American Oil Company, Regina, Sask.

Class of '55

BLOTT, A. J. - Sun Oil Company, Calgary, Alta.  
CHERNOFF, C. N. - California Standard Oil Company, Box 2296, Edmonton, Alta.  
DEYRALOS, A. M. - British American Oil Company, Regina, Sask.  
ECKSTRAND, O. R. - Harvard University,  
FREY, J. - Natural Resources, Department, C. P. R., Calgary, Alta.  
FROESE, E. - Department of Mineral Resources, Regina, Sask.  
FROST, N. - Trans-Canada Pipelines, Calgary, Alta.  
GRASDAL, C. O. - Pan-American, Edmonton, Alta.  
HOVDEBO, H. R. - California Standard Oil Company, Box 2296, Edmonton, Alta.  
KENNEDY, G. - Rix Athabasca, Uranium City, Sask.  
McMURTRY, G. J. - Royal Oil Company, Calgary, Alta.  
MELNYK, M. J. - British American Oil, Calgary, Alta.  
NILSEN, L. R. - Gulch Mines, Uranium City, Saskatchewan  
PITULEY, L. J. - Iron Ore Company of Canada, Knob Lake, Quebec  
SAVATSKY, L. H. - Shell Oil Company of Canada, Edmonton, Alta.  
REMPEL, Albert - Western Geophysics, Calgary, Alta.  
SIEMENS, D. L. - Western Leaseholds, Estevan, Sask.  
SMITH, B. K. - California Standard Oil Company, 1836 Smith St., Regina, Sask.  
GAVELIN, D. E. - Mobil Oil, 1755 Hamilton St., Regina, Sask.

Class of '56

BISHKO, J. P. - Western Geophysical, Calgary, Alta.  
BRUNT, G. M. -  
BODNARCHUK, A. -  
\*COCHRANE, B. D. - Great Plains Development Company, Calgary, Alta.  
DAY, D. A. - Shell Oil Company of Canada, Calgary, Alta.  
EDWARDS, R. G. - Texaco Oil Company, Calgary, Alta.  
GREENWOOD, G. M. - California Standard Oil Company, Regina, Sask.  
HAMBLEY, G. B. - Canadian Nickel Company, Mystery Lake, Man.  
\*JACKMAN, L. D. - Gulf Oil Company, Calgary, Alta.  
JANZEN, O. A. - E. A. Oil Company, Regina, Sask.  
KANYK, T. - B. A. Oil Company, Edmonton, Alta.  
\*LEVERSON, I. L. - Saskatchewan Federated CoOperatives, Saskatoon, Sask.  
\*McELROY, M. E. - California Standard Company, Calgary, Alta.  
McGINN, G. J. - Pronto Uranium Elliot Lake (Blendel Area, Ontario)  
McIVER, H. L. - Ph.D. John Hopkins University, Baltimore, Md., U.S.A.

MAINE, L. - Pan American Petroleum Corporation, Regina, Sask.  
MIDDLELEY, R. A. - Imperial Oil Company, Calgary, Alta.  
MIDDLELEY, U. A. - Alberta Research Council, Edmonton, Alta.  
MOTTING, A. L. - B. A. Oil Company, Regina, Sask.  
OLSON, E. E. - Sullivan Mines, Kimberley, B. C.  
PYKE, M. W. - Department of Mineral Resources, Regina, Sask.  
ROGAN, A. D. - Texaco Oil Company, Calgary, Alta.  
\*SMITH, D. C. - Pan American Petroleum Corporation, Powell, Wyoming, U.S.A.  
SPRATT, L. M. - Triad Oil, Calgary, Alta.  
TIKKANEN, G. D. - Consulting, Flin Flon, Man.  
WILD, J. - Texaco Oil Company, Calgary, Alta.  
WADDELL, W. H. - Texaco Oil Company, Calgary, Alta.

Class of '57

BEST, M. M. - Sun Oil, Calgary, Alta.  
DAAE, H. D. - B. A. Oil Company, Swift Current, Sask.  
DOANE, H. L. - B. A. Oil Company, Calgary, Alta.  
\*DREGLAS, J. R. - Imperial Oil Company, Swift Current, Sask.  
GILBERTSON-PRITCHARD, K. C. - B. A. Oil Company, Regina, Sask.  
\*HARRIE, I. S. - California Standard Company, Edmonton, Alta.  
ISPAN, G. - Petroleum Industrial Services, Consultant, Regina, Sask.  
KENT, D. M. - Department of Mineral Resources, Regina, Sask.  
KYTRAN, P. - Shell Oil Company of Canada, Calgary, Alta.  
LAUDER, Marlene - Teaching, Stettler, Alta.  
MITCHELL, P. - Iron Ore Company of Canada, Montreal, Que.  
MORRISON, L. G. - Balatoc, Baguio, Phillipines  
NICHOL, M. A. - Gunnar Mines, Uranium City, Sask.  
RUDICHUK, R. A. - Tidewater Associated Oil Company, Regina, Sask.  
RODMORODESKI, P. - Teaching,  
\*SARAVOLAK, E. C. - California Standard Oil Company, Calgary, Alta.  
\*TJEBT, M. B. - Tidewater Associated Oil Company, Regina, Sask.

Class of '58

BIELAKIEWICZ, W. G. - City Service Exploration, Fort McMurray, Alta.  
BECKIE, V. G. - Saskatchewan Department of Agriculture,  
BOJICAR, R. G. - Geophysical Services, Calgary, Alta.  
\*COHEN, G. T. - Pacific Petroleum St. John, B. C.  
CRANFORD, L. B. - Western Geophysical, Calgary, Alta.  
EVANS, W. D. - Imperial Oil Company, Calgary, Alta.  
GOLDAK, G. R. - Sherrit-Gordon Mines, Lynn Lake, Man.  
OYTS, R. J. -  
GULSTENE, K. N. - Imperial Oil Company, Calgary, Alta.  
HARDY, D. D. - Stekolli Oil, Estevan, Sask.  
HUYCH, G. F. - Saskatchewan Department of Mineral Resources, Regina, Sask.  
LARSON, L. H. - Shell Oil Company of Canada, Calgary, Alta.  
LEBLANC, M. C. - Texaco Oil Company, Dawson Creek, B. C.  
NORLANDER, A. M. - Electrical Engineering, University of Saskatchewan, Saskatoon  
OFFICER, C. A. - Central Canadian Stratigraphic Services, Regina, Sask.  
PERKINS, G. D. - Mastering, University of Saskatchewan  
PRYCE, B. G. - Imperial Oil Company, Calgary, Alta.  
REINHARDT, E. W. - Mastering, University of Saskatchewan  
SMITH, D. A. - Sun Oil Company, Regina, Sask.  
\*SMITH, W. L. - Business Administration, University of Saskatchewan  
TOTH, A. M. - Geological Survey of Canada, Ottawa, Ontario  
YONT, D. R. - Mastering, University of Saskatchewan

UNDERGRAD ACTIVITIES

Summer 1998

Fourth year Engineers

Gagnon, G. M.	Calgary, Alta.	Shell Oil Co. (Jasper)
*Gozzill, R. G.	Bulyea, Sask.	Shell Oil Co. (Regina)
Gamilton, W. N.	Lumsden, Sask.	California Standard Oil Co. (N.E. British Columbia)
Hickey, A.	Regina, Sask.	City of Regina
McQuig, D. J.	Saskatoon, Sask.	El dorado Mining & Refining Limited
Hine, J. L.	Ladlow Lake, Sask.	Imperial Oil Limited
Hooper, B. J.	Elbow, Sask.	Imperial Oil Ltd. (Edmonton)
Kisicki, P.	Orill Lake, Sask.	El dorado Mining & Refining Limited
Lawrie, G. W.	Timber, Alta.	Department of Mineral Resources, Saskatchewan
Wright, S. G.	Redwood, Sask.	Pan American Petroleum (Tombia)

\* Systems Engineers

Third year Engineers

Name	Home Address	Summer Activity
Agilan, H.	Moose Jaw, Sask.	Nobil Oil (Swift Current)
Bell, R. J.	Orill, Sask.	El dorado Mining & Refining Limited
Beckhart, C. K.	Guernsey, Sask.	Nisku Oil (Moose Jaw)
Chapman, D.	Edmonton, Alta.	Department of Mineral Resources, Saskatchewan
Delham, W. W.	Orill, Sask.	El dorado Mining & Refining Limited
Hilabough, J. A.	Regina, Sask.	Department of Highways, Saskatchewan
Huin, L.	Regina, Sask.	Lorado Uranium Mines Ltd.
Hugh, T. E.	Davis, Sask.	Department of Mineral Resources, Saskatchewan
HAMILTON, J. M.	Weyburn, Sask.	City of Weyburn
Ismaungin, R. S.	Yacarta, Indonesia	Aluminum Co. (Montreal)
Kacolek, S. L.	Hyas, Sask.	Pan American Petroleum (Drayton Valley, Alta)
Kot, D.	Weyburn, Sask.	Farming
Lenz, K.	Yellow Grass, Sask.	Department of Agriculture (Saskatchewan)
Masley, B.	Saskatoon, Sask.	Can. Pacific Railway
FARSONS, M. L.	Grenfell, Sask.	Geological Survey of Canada (Calgary)
Peters, V.	Rabitt Lake, Sask.	Department of Highways (Saskatchewan)

Jay, T. E.	Watson, Sask.	Topographic Survey
Shaw, D.	Moose Jaw, Sask.	Saskatchewan Power (Natural Gas)
Sarysky, L.	Tarnapol, Sask.	Consolidated Mining & Smelting Ltd. (Trail)

ARTS - Fourth year

Ayres, L. D.	Saskatoon, Sask.	Department Mineral Resources Saskatchewan (Porbes Lake)
Crawford, J. C.	Brandon, Man.	Dome Petroleum (Estevan)
Kaufmann, W. L.	Pangman, Sask.	Imperial Oil (Calgary)
Marcotte, P. D.	Hudson Bay, Sask.	Pan American Petroleum (Jasper)
McCallum, J. A.	Regina, Sask.	Nobil Oil (Rockies)
Miedema, O.	Saskatoon, Sask.	B. A. Oil Co. Ltd.
Peke, D. R.	Saskatoon, Sask.	Department Mineral Resources Saskatchewan (Bosant Lake)
Sharpley, F. J.	Saskatoon, Sask.	Department Mineral Resources Saskatchewan (Brahant Lake)
Shillington, G.	Carnduff, Sask.	Geological Survey of Canada (Flathead Valley, B. C.)
Sorokowsky, V.	Saskatoon, Sask.	Via Athabasca Uranium Mines Ltd. (Uranium City)
Squair, H.	Maldstone, Sask.	See Exploration (Northern Saskatchewan)
Sykes, D. L.	Saskatoon, Sask.	Geological Survey of Canada (Flathead Valley, B.C.)
Williams, W.	Regina, Sask.	Shell Oil (Regina)

ARTS - Third and Second years

Andrews, D. A.	Torquay, Sask.	Pan American Oil (Farnie, B.C.)
Banford, J.	Eastend, Sask.	Property valuator, Municipal Affairs
Black, D.E.A.	Regina, Sask.	B.C. Forest Service
Boretmayer, R. E.	Saskatoon, Sask.	C. P. R.
Cherkowski, R.	Hudson Bay, Sask.	Department of Public Works of Canada (B.C.)
Delorme, D. L.	Assinibola, Sask.	Saskatchewan Research Council (Pleistocene)
Dick, J.	Regina, Sask.	Carlings Brewery (Regina)
Dickson, O. A.	Kamsack, Sask.	Geological Survey of Canada (Foothills)
Emery, W. R.	Saskatoon, Sask.	Midland-Superior Transport
Evans, K.	Brandon, Man.	Geological Survey of Canada (Red Lake, Ontario)
Friesen, J. D.	Asquith, Sask.	Geological Survey of Canada (Red Lake, Ontario)
Frison, E.	Fish Creek, Sask.	Geological Survey of Canada (Red Lake, Ontario)

Greaves, K. R.	Saskatoon, Sask.	General Motors (Saskatoon)
Hayes, M. P.	Saskatoon, Sask.	Evans Construction (Lesteron, Alta.)
Jacek, T. J.	Saskatoon, Sask.	Saskatoon Brewing Company
Khan, A. A.	Trinidad	Department of Northern Affairs
Lawson, G.	Regina, Sask.	Cdn. Engineering Surveys (Regina)
Mark, W.	Saskatoon, Sask.	Farming
Horton, D. H.	Lumsden, Sask.	Contractor
Pearson, W.	Eastend, Sask.	Geological Survey of Canada (Summit Lake, B. C.)
Road, M.	Tisdale, Sask.	Department of Natural Resources (Saskatchewan)
Zederayko, E. E.	Canora, Sask.	

#### Master Students

Faulkner, E. L.	Saskatoon, Sask.	University of Toronto (England)
Horn, R. D. R.	Guelph, Ontario	Texaco (Peace River, B.C.)
Perkins, G. D.	Regina, Sask.	Shell Oil (Yukon)
Pyke, H. W.	Saskatoon, Sask.	University of Saskatchewan
Reinhardt, E. W.	Assiniboia, Sask.	Geological Survey of Canada (Summit Lake, B. C.)
Yost, D. R.	Marchwell, Sask.	Texaco (N.W.T.)

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## SUMMER ACTIVITIES

### Dr. J. B. Mawdsley

Although I spent an enjoyable summer, it was not profitable from a research or mapping point of view. However, some writing was done.

After the meeting of the Royal Society of Canada in Edmonton, early in June, I joined the well conducted geological and botanical expedition to Rocky Mountain House and the valley of the North Saskatchewan River. Following this, I joined the Edmunds' on a trip from Jasper to Banff; my first trip along this most interesting and scenic route. This was followed by a trip east in a Volkswagen under the guidance of the owner - my daughter Ann. Pleasant stops were made at Toronto, Ottawa, Kingston and especially on the Rideau Lakes, between Kingston and Ottawa. At the end of the summer Dr. Byers and I took two trips north to collect specimens for the sulphide research problem and related wallrock alteration. In the course of this, we added to our collections of metamorphic rocks.

Although no definite plan was followed, geology was ever present and instructive, and the scenery was often beautiful and worth photographing in colour to reminisce over in the future.

### Professor F. H. Edmunds

Most of the summer was spent in Saskatchewan with visits to Regina, Lloydminster and a few other localities. Here in Saskatoon I was able to take close note of the tedious progress being made in the transformation of the stores, carpenters' shop and the building superintendent's quarters into geological laboratories and offices with extension of the library space. The final results are very gratifying and old Ganguesters are cordially invited to visit us and see the face lifting that has been done. Dr. Mawdsley now occupies an office of distinction, as yet he has no carpet on the floor but the decor is satisfying with walls painted in pastel colours and with drapes for the windows. It is in marked contrast to the corner stall, open to the turmoil of the mineralogy, general purposes and ore gangue conclave laboratory, that he occupied for so long.

Following the Canadian Royal Society meetings, held at Edmonton in early June, Dr. Mawdsley and I joined an excursion to Rocky Mountain House, Nordegg and the mountains to the west. The party was a most stimulating one: geologists were outnumbered by botanists but both groups found much to occupy their attentions and much of mutual interest.

After the Royal Society excursion we had our private trip through the mountains by the Banff-Jasper highway staying at Jasper, the Columbia Ice Field, Lake Louise and Banff. It was the first time I had been in the



Rockies in the early part of the summer. At any time the mountains are an inspiration to the prairie dweller. However, I found that they are at their best in the early part of the season, the flowers in bloom and water cascading down the mountain sides. Geology was not neglected but I cannot claim that we did a great deal of climbing and the camera was our most useful tool.

To me, no year passes entirely satisfactorily, unless I see mountains at least once. Last summer I was particularly fortunate in managing a second visit in September when my wife and I went to Glacier National Park in Montana. We find few places more beautiful than the southwest shore of Lake McDonald with superb view along the length of the lake to the mountains in the background. The park is accessible by both the U.S. no. 2 highway and by going to the Sun Highway over Logan Pass. There are an infinite number of walks across the mountains with good geology - Precambrian and the rarity of fossils is to some extent compensated for by the scenery.

On our return from Glacier we took a side trip to the Little Rockies where I made some preliminary arrangements for the fall field trip. Finding Fortman accommodation crowded we spent a night in Delta where I was brought back to earth and realization that another summer was over. At the Motel we met a professor and his wife from Madison, Wisconsin. This was a Friday night and he had to be back to start lectures on Monday morning. I had an easy day's drive to Saskatoon and several days before the start of lectures.

#### Dr. A. R. Byers

I spent the first two weeks of May mapping in some detail, fault and fold structures in the Masten and Whitewood formations at Claybank, Saskatchewan. This work was done under the auspices of the Saskatchewan Research Council and the Department of Mineral Resources.

Electric magnetic anomalies from aerial surveys of the Dead Lake and Wabamau Lake areas located in northern Saskatchewan were investigated on the ground on behalf of Airaniun Surveys Limited during June and September.

The Blind River and Bancroft uranium producing areas of Ontario were visited during July.

The remainder of the summer was spent at the University working on a report of the geology of the Flin Flon area for the Department of Mineral Resources.

W. O. Kupsch

During the summer of 1958, I experienced my most exciting and rewarding field season so far in my career, when I went to Peru to join some field parties of Peruvian Gulf Oil Corporation. Not only did I see a lot of geology, but the geography of this varied country brings one in contact with many different environments. More than one month was spent with the parties in the tropical jungle of the Amazon basin. A trip by truck and jeep across and along the Andes to as far south as Lake Titicaca at the Bolivian boundary provided some insight into life at high altitudes. To feel the spray of waves in the Pacific Ocean, when we sailed in a yacht along the coast, gave me thrills reminiscent of earlier years in Holland.

The geological work involved the stratigraphy of the eastern foothills of the Andes, the complicated structures of the mountains, recent volcanic action along the coast, and lead-zinc-copper mining of the high plateau. Flights from one part of Peru to another tied all this together and gave me a chance to take air photographs. My collection of Kodachromes has grown considerably as the result of these travels and future geology students will get acquainted with many examples of geological phenomena from Peru, which will broaden their horizon and therefore be to their benefit. I am grateful to have had this opportunity and I hope that our geologists won't hesitate one moment to accept foreign exploratory work when it is offered to them. I met several Canadians, connected with both mining and the petroleum industry, but I would like to see more. Canada appears to be highly regarded by the Peruvians and I am certain that you would be welcome. The time has come for our engineers and technical personnel to go forth and enter into foreign enterprise the way Americans have done for some time.

Dr. J. R. Smith

I spent a varied summer under the auspices of the Saskatchewan Research Council.

Glasses of plagioclase composition were made at the Geophysical Laboratory at Washington, D.C. from the middle of May until the end of June. These will be used for experimental work at the University.

July and August was spent in assembling the laboratory apparatus and the X-ray Diffractometer. This equipment enhances the department and is being used for basic research, both by the faculty and students.

During the period, numerous field trips were undertaken to study the Pleistocene and groundwater. This is directly connected to the work with the Saskatchewan Research Council.

A field trip to the Forbes Lake area ended the pleasant summer. Granite samples were collected for the thesis prepared by Murray Pyke on the triclinicity of the microcline-orthoclase series of the specimens.

Dr. W. G. E. Caldwell

Following the spring examinations, I set about the task of augmenting the Department's depleted fossil collection. Accompanied by Professor Edmunds and a number of aspiring palaeontologists from the Geology 31 class, I visited exposures in the Bearpaw formation along the South Saskatchewan River near Beechy (exposures soon to be rendered inaccessible by construction of the South Saskatchewan Dam) and in Palaeozoic and Mesozoic formations exposed in the Little Rocky Mountain district of Montana. Valuable collections were made and I wish to convey thanks to all who assisted in this work.

In May I joined the Shell Oil Company of Canada in Calgary and after a few weeks of office work (broken nevertheless by frequent excursions to the badlands and mountains) left for New Aklavik, North West Territories, where I was based as field palaeontologist for Shell's exploration parties. While in the northlands, I visited parts of the Richardson Mountains, the MacKenzie Mountains in the Yukon, the MacKenzie Delta and the Anderson River area. The geology, and in particular, the paleontology, of the Arctic regions was "absolutely magnificent."

In August I flew to New York where I stopped over long enough to visit the American Museum of Natural History and toured the main points of interest in that famed city before crossing the Atlantic to the "Land of the heather and the kilt". While in Scotland, I toured parts of the northeast and northwest coasts (had to see metamorphics again!) and attended the meeting of The British Association for the Advancement of Science held in 1958 at the University of Glasgow. I flew back to Saskatoon a few days before the session opened.

Important Editor's Note:

Dr. Caldwell states that the fossil collections are quite inadequate for future needs, and urges all students engaged in field parties, during the summer months or after graduation, to send as much material as possible to the department.

We wish to make it known that any specimens found (fossils, minerals, structures, etc.) may be shipped collect to the Department of Geology, University of Saskatchewan. It is preferred that these shipments be made by freight, if possible. All types of specimens are gladly accepted by the department.

Professor T. E. W. Nind

Professor Nind graduated in mathematics (M.A.) at Cambridge, England in 1949 and then completed a year's post-graduate course in mathematical physics (relativity and quantum mechanics) also at Cambridge.

Prior to graduation, he lectured in pure mathematics at Cape Town University, South Africa, for eighteen months during 1947-1948.

The professor joined the Shell Petroleum Company Limited in September 1950 and after more than a year's general training at the Royal School of Mines, London and in Holland; he was transferred to Venezuela. There he worked for three and a half years in the oilfields around Lake Maracaibo as reservoir, production, and secondary recovery engineer.

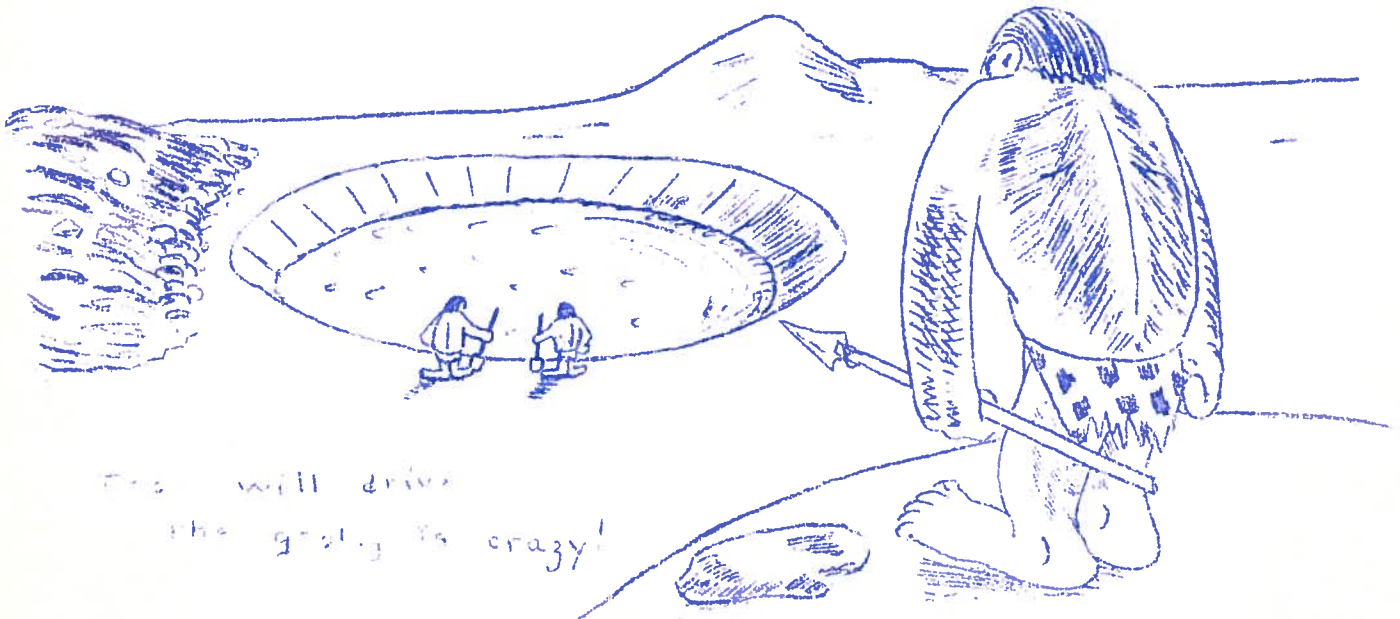
He was sent to Sena oilfield in the State of Brunei, Borneo in early 1957. The work consisted of reservoir and secondary recovery engineering. After almost eighteen months, Professor Nind was transferred to The Hague where he worked as assistant to the Royal Dutch/Shell's chief production engineer.

Professor Nind came to the University early in August 1958 to take up his present position as professor of petroleum engineering.

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Definition:

- "Under Active Consideration" - We're looking in the files for it.
- "CoOrdinator" - A guy who has a desk between two expeditors.
- "Chivalry" - A man's inclination to protect a woman from every man but himself.



### 1958 Field Trip

Six cars and one bus, filled with students and professors, once again made an excursion to the little Rockies in Montana. Approximately 50 students, accompanied by Professors Hurdley, Edwards, Myers, Kupsch, Smith, Caldwell and lab technician, Ernie Hawkins, joined together to make this field trip one of the most successful in the department's history.

The party left Saskatoon on the morning of October 10. Enroute to Swift Current, Dr. Kupsch pointed out glacial features flanking the highway and further illustrated their character by reference to air photo mosaics.

The trip was hampered by two delays, a brake failure and a flat tire on the bus. The latter delay facilitated the procurement of a sufficient quantity of liquid refreshment - much to the dismay of the bus driver. A further delay occurred in Swift Current where the original bus was replaced.

The party obtained accommodation in Malta this year and travelled to and from the Little Rockies. The size of the group necessitated this arrangement which proved very satisfactory.

After reaching Malta shortly after 5:00 p.m., the party enjoyed a delightful supper sponsored by the Malta Chamber of Commerce. Representations were made to the Mayor and the secretary of the Malta Chamber of Commerce by Dr. Hurdley and Professor Edwards.

Varied entertainment was enjoyed by all on Friday night. The Malta bars proved to be the most popular attraction but the sparse Franciscan population was also invited to join in the festivities.

Saturday morning, in Fortman, the party was addressed by the engineers in charge of development of the Ruby Gulch Gold Mine, after which a guided tour of the workings was undertaken.

In the afternoon, the "hard rockers" were shown maps and other data accumulated from new survey of the area. Meanwhile, the "soft rockers" collected pelecypods and cephalopods at Morrison Dome. The group then traversed the Jurassic-Cretaceous section exposed between Morrison and Grouse Alder Domes. The groups split into three parties led by Professor Edwards, Dr. Caldwell, and Mr. T. E. Channey of the Shell Oil Company of Canada Limited.

On Sunday, the group traversed two more important sections, one at Lodgepole Canyon and the other at Brown's Gulch, both Palaeozoic; and made a brief visit to the natural arch in Mission Canyon.

On Monday morning, the party returned to Saskatoon after a very educational and interesting weekend. Good organization, wonderful weather and an enthusiastic group could not produce anything but a grand time for all.

### Spring Banquet

The annual spring banquet was held at Bob Lynn's in mid-March.

Following the turkey dinner, the proceedings were conducted by Bert Crawford, the Ore Gange's president.

A toast to the faculty was made by John Frey and responded to by Dr. Smith.

Bill Williams, the newly elected president, toasted the graduates. The toast was replied to by Don Smith.

Dr. Mawdsley announced the winners of the annual essay contest, top honors being shared by Don Smith and Maurice LeBlanc.

A toast of farewell was made to Dr. Shearn who left for a position with the Standard Oil Company (N.J.).

The year's activities came to an end with thunderous thumping of a dance.

### The Fall Banquet

This year, the fall banquet was held in the Club 400 with 55 students and 6 professors attending.

In the afternoon, two groups of Ore Gangusters made a successful tour of O'Keefes' Brewery. The management realizing their future was at stake, showered the groups with samples. Following the now accepted custom, the party then moved to the Empire Hotel. At the cocktail hour, the group left for the banquet.

After dinner, Dr. Kupsch showed slides of Peru he took this summer while in the employ of Gulf Oil. The slides depicted many aspects of everyday life, industrial and geological problems in mountainous and jungle terrain.

The function was concluded with a dance. During the day and at the dance, Doug 'Flashbulb' Coulombe was busy taking pictures to remind everyone of the good time.

\* \* \* \* \*

Two Englishmen out on the town for the night picked up two girls and took them to a dimly lit pub for a beer. Suddenly one turned to his friend and whispered "I say old boy, would you mind terribly changing dates? Between the fog, the grog, the fog and the smog, I seem to have nicked up an old aunt of mine."

### PALAEONTOLOGY EXCURSION

In step with the greatly increased interest in geology, the Saskatchewan Research Council sponsored a fossil collecting trip at the end of the 1957-58 term. Professors Edwards, Dr. Caldwell and four undergraduates, K. Evans, M. Ross, M. Spier and E. Macdonald participated.

Eleven days were spent in the field with the time split between the Beechy area (Bearpaw Fm.) and the Palaeozoic and Mesozoic of the Little Pecky Mountains.

The results were gratifying, providing several hundred pounds of Cretaceous, Jurassic, Mississippian, and Ordovician fossils as well as an incalculable amount of field philosophy for the undergraduates.

### ENGINEERING SHOW

With Don McQuaig directing, the Ore Campus prepared a geological display for the Engineering Show which ran January 22, 23 and 24, 1959.

The comments made by the Saskatoon Star Phoenix, January 23, 1959, speak for themselves.

"The geology display is an education in itself. Samples of all the types of rocks seem to be there, including some that one would not have believed possible unless he saw them. There are sandstones formed from age-old beaches, with the ripple marks of the waves solidified into rock. There are models of the giant reptiles of the dinosaur age, and big pictures showing them fighting in the swamps primeval. There are fossils of fern leaves, embedded in rock, and "stumps" of wood turned to rock.

Most immediate in interest in this section is undoubtedly the chart of the potash plant only 11 miles east of Saskatoon, with an analysis of the formation of the various strata of rock penetrated by the borings.

Since this mine shaft is destined to add unnumbered millions of dollars to the wealth of Canada, and still greater millions to the wealth and food resources of the world, it seems only proper that the people of Saskatchewan should inform themselves of its workings."

Thanks to:

Mrs. L. Sims - Geology librarian and stenographer who aided the editor in countless ways and, in fact, made the production of the Concentrates possible.

Ernie Hawkins - Geology lab technician who has prepared an infinite number of thin sections and who can locate almost anything required in the line of scientific equipment.

Gary Lawson - The cartoonist for this year's Concentrates.

Congratulations to:

Murray Reed and Lorne Ayers newly elected president and secretary-treasurer of the 1959-60 Ore Gangue.

Don Yont and Don Smith winners of the Ore Gangue Memorial Prizes, the former for academic work, the latter for leadership.

\* \* \* \* \*

He was big, he was rough. He had cut his teeth on a buck bit and standing in the middle of the floor he began shooting the lights out and shouting, "All you dirty S.O.B.'s get out of here!" The bar was virtually emptied in one wild burst of confusion, but as the smoke cleared away it revealed an imperturbable little man calmly finishing his drink at the bar. The tough man lumbered over to him. "Well?" he demanded.

Said the other, "Sure was a lot of 'em wasn't there?"

\* \* \* \* \*

Judge, after charging jury: "Is there any question you would like to ask before considering the evidence?"

Jurer: "A couple of us would like to know if the defendant boiled the malt one or two hours and how did he keep the yeast out?"