



**ECONOMIC GEOLOGY
RESEARCH UNIT**

University of the Witwatersrand
Johannesburg

BIBLIOGRAPHY OF THESES
IN THE GEOLOGICAL SCIENCES
SUBMITTED TO UNIVERSITIES
IN SOUTHERN AFRICA

1972 - 1986

C.R. ANHAEUSSER

• INFORMATION CIRCULAR No.195 •

UNIVERSITY OF THE WITWATERSRAND
JOHANNESBURG

BIBLIOGRAPHY OF THESES IN THE GEOLOGICAL SCIENCES

SUBMITTED TO UNIVERSITIES IN SOUTHERN AFRICA

1972 - 1986

Compiled by

C.R. ANHAEUSSER

(*Deputy Director, Economic Geology Research Unit
and Reader in Archaean Geology*)

ECONOMIC GEOLGY RESEARCH UNIT
INFORMATION CIRCULAR NO. 195

April, 1987

BIBLIOGRAPHY OF THESES IN THE GEOLOGICAL SCIENCES

SUBMITTED TO UNIVERSITIES IN SOUTHERN AFRICA

1972 - 1986

PREFACE

The first edition of a bibliography of theses in the geological sciences submitted to universities in Southern Africa was compiled by D.A. Pretorius and appeared in November, 1960 as Information Circular No. 2 of the Economic Geology Research Unit. The second edition, also compiled by D.A. Pretorius, corrected the errors and omissions of the original list of theses and dissertations submitted for higher degrees, and appeared in March, 1972 as Information Circular No. 67. The present bibliography is intended to be a complete listing of theses lodged in 14 universities in Southern Africa and covers the period 1972 to 1986 inclusive. In a few cases theses lodged earlier, and not recorded in earlier editions of the bibliographic series, have also been included.

Since the second edition, when ten universities were able to grant higher degrees, five new universities have been added and one dropped from the list. Changes in the structure of the University of South Africa no longer make it possible to submit dissertations for higher degrees in geology. The new additions include the University of Durban-Westville, the University of Natal (Pietermaritzburg), the University of Port Elizabeth, Rand Afrikaans University, and the University of the Western Cape. The University of Rhodesia underwent a name change to the University of Zimbabwe in 1980.

The accuracy of the bibliography rests with the various Geological Departments that responded to a request for a full listing of theses submitted to their respective departments. It became apparent from the response that library and departmental records at many universities were either not readily available or were not in a form that could be extracted easily for the purposes of preparing this bibliography. The compiler is, however, grateful to the Heads of Departments and their staff who attended to the request for lists and urges all departments to maintain ongoing records to enable future editions of this compilation to be as complete and accurate as possible. Discrepancies, omissions or errors noted in this compilation should be directed to the compiler.

As with earlier editions, discrepancies have been noted between the dates on the title pages of the theses and the dates shown in the library and departmental records of the various universities. This has come about mainly through the fact that theses might be submitted in one year, but that the higher degree might be awarded at a graduation ceremony only in the following year. Wherever possible, the date on the title page is the one listed in the present compilation.

The following abbreviations have been used in the listings, with respect to the full name of the university to which the thesis was submitted for a higher degree:

- | | |
|------------------|---|
| Cape Town | - University of Cape Town, Rondebosch, Cape Province. |
| Durban-Westville | - University of Durban-Westville, Durban, Natal. |
| Natal (Durban) | - University of Natal, Durban, Natal. |
| Natal (Pmb) | - University of Natal, Pietermaritzburg, Natal. |

- O.F.S. - University of the Orange Free State, Bloemfontein, Orange Free State.
- Port Elizabeth - University of Port Elizabeth, Port Elizabeth, Cape Province.
- Potchefstroom - Potchefstroom University for Christian Higher Education, Potchefstroom, Transvaal.
- Pretoria - University of Pretoria, Pretoria, Transvaal.
- R.A.U. - Rand Afrikaans University, Johannesburg, Transvaal.
- Rhodes - Rhodes University, Grahamstown, Cape Province.
- Stellenbosch - University of Stellenbosch, Stellenbosch, Cape Province.
- Western Cape - University of the Western Cape, Bellville, Cape Province.
- Witwatersrand - University of the Witwatersrand, Johannesburg, Transvaal.
- Zimbabwe - University of Zimbabwe, Harare, Zimbabwe (formerly the University of Rhodesia, Salisbury).

Finally, words of acknowledgement are extended to Mrs. Janet Long for having committed the lists supplied by the Universities to the word processor and for her patience in assisting the compiler with the production of this bibliography.

BIBLIOGRAPHY OF THESES IN THE GEOLOGICAL SCIENCES

SUBMITTED TO UNIVERSITIES IN SOUTHERN AFRICA

1972 - 1986

CONTENTS

	<i>Page</i>
Theses Arranged Alphabetically According to Author	1
Theses Arranged Alphabetically According to University	
University of Cape Town	42
University of Durban-Westville	47
University of Natal (Durban)	47
University of Natal (Pietermaritzburg)	49
University of the Orange Free State	50
University of Port Elizabeth	56
Potchefstroom University for Christian Higher Education	57
University of Pretoria	58
Rand Afrikaans University	63
Rhodes University	66
University of Stellenbosch	72
University of the Western Cape	74
University of the Witwatersrand	74
University of Zimbabwe (Rhodesia to end of 1979)	80

* * * * *

Published by the Economic Geology Research Unit
University of the Witwatersrand
1 Jan Smuts Avenue
Johannesburg 2001

ISBN 0 85494 969 0

THESES ARRANGED ALPHABETICALLY ACCORDING TO AUTHOR

- ABBOT, P. (1983)** - A review of asbestos resources.
M.Sc. - Rhodes
- ABSOLOM, S.S. (1979)** - A sedimentological analysis of gold distribution in the Kimberley Reef at South Roodepoort Main Reef Areas Limited.
M.Sc. - Natal (Pmb)
- ADAMS, G.R. (1979)** - A study of fractures formed in the rock around an opening made by a reef boring machine.
M.Sc. - R.A.U.
- ADENDORFF, K.T. (1985)** - A crystal-chemical investigation of phases of relevance to lime-chromite roast reactions.
M.Sc. - R.A.U.
- AINSLEY, L.V. (1981)** - Geology and ore reserve estimation of the Witwatersrand-type gold deposits with specific reference to the Welkom Goldfield.
M.Sc. - Rhodes
- ALBAT, H.M. (1984)** - The Proterozoic granulite facies terrane around Kliprand, Namaqualand Metamorphic Complex.
Ph.D. - Cape Town
- ANDERSON, A.M. (1974)** - Arthropod trackways from the Lower Karoo beds of South Africa.
Ph.D. - Witwatersrand
- ANDERSON, J.R. (1979)** - The behaviour of the elements Ni, Co, Cu, Pb, Zn, Au, Ag, Mo, Sn, W, and U in the magmatic, hydrothermal, sedimentary, and weathering environments.
M.Sc. - Rhodes
- ANDREOLI, M.A.G. (1982)** - The amphibolite and granulite facies rocks of southern Malawi.
Ph.D. - Witwatersrand
- ANHAEUSSER, C.R. (1983)** - A contribution to the Archaean geology of southern Africa with particular reference to aspects involving metallogeny, granite-greenstone belt development and crustal evolution.
D.Sc. - Witwatersrand
- ANTOINE, L.A.G. (1979)** - Geophysical investigations at Dawn Mine.
M.Sc. - Rhod. (Zimbabwe)
- ARCHER, P.D. (1981)** - A review of the geology of primary tin deposits with emphasis on the factors that control grade and tonnage.
M.Sc. - Rhodes

- ARMSTRONG, N.V. (1980) - The geology and geochemistry of the Nsuze Group.
Ph.D. - Natal (Pmb)
- ARMSTRONG, R.A. (1978) - A geological and geochemical appraisal of the Rooi Rand dyke swarm, Lebombo.
M.Sc. - Natal (Durban)
- ASH, P.J. (1986) - A review of the sediment-hosted disseminated precious-metal deposits of Nevada: geology, classification, genesis and exploration.
M.Sc. - Rhodes
- BAHNEMANN, R.O. (1972) - A review of the structure, the stratigraphy and the metamorphism of the basement rocks in the Messina District, Northern Transvaal.
D.Sc. - Pretoria
- BARKER, O.B. (1980) - A contribution to the geology of the Soutpansberg Group, Waterberg Supergroup, Northern Transvaal.
M.Sc. - Witwatersrand
- BARNABY, A.M. (1974) - The structure of the eastern Walvis Ridge and the adjacent continental margin.
M.Sc. - Cape Town
- BARNADO, D.J. (1985) - Bauxite in Natal with emphasis on exploration resources and the influence of geomorphology on its origin.
M.Sc. - Pretoria
- BARNES, J.M.T. (1983) - A review of stratabound tungsten deposits.
M.Sc. - Rhodes
- BARNES, S.J. (1978) - Serpentinites in central South West Africa/Namibia: a reconnaissance study.
M.Sc. - Cape Town
- BARRETT, D.M. (1974) - The structure and origin of the Agulhas plateau.
Ph.D. - Witwatersrand
- BARTON, E.S. (1983) - The geochronology of the frontal zones of the Namaqua-Natal Mobile Belt.
Ph.D. - Witwatersrand
- BARTON, K.R. (1979) - Geophysical prospecting methods for iron ore in the Mwanesi Range.
M.Sc. - Rhod. (Zimbabwe)
- BAUMGARTNER, F.C. (1981) - The use of artificial atmospheres in DC arc emission spectroscopy.
M.Sc. - Cape Town
- BEASLEY, A.J. (1984) - The hydrology of the area around Nyamandhlovu, Zimbabwe.
Ph.D. - London (Zimbabwe)

- BEATER, C.D. (1983)** - The significance of unconformities in the development of Witwatersrand gold and uranium placers.
M.Sc. - Rhodes
- BEHOUNEK, N.J. (1980)** - The geology of an area west of Welkom, O.F.S. (Degree Blocks 2825A and B and 2826A).
M.Sc. - O.F.S.
- BELL, M.W. (1978)** - The geohydrology of the Clarens Sandstone, a Karoo aquifer of the northern Kalahari in the Bamangwato tribal territory of Botswana.
M.Sc. - O.F.S.
- BELLAMY, R.E.S. (1979)** - Gold mineralization in Archaean cherts and iron-formations.
M.Sc. - Rhodes
- BENCH, J.J. (1974)** - Die kwantitatiewe analyse van mengsels van fynkorrelrige minerale met behulp van X-straal-diffraksie-metodes.
M.Sc. - R.A.U.
- BENTLEY, P.N. (1985)** - Granitoid related Sn-W mineralization with special reference to southern Africa, the Variscan Belt in Europe, and the Malay Peninsula.
M.Sc. - Rhodes
- BERTRAM, N.G.E. (1980)** - A review of mineral exploration drilling with particular reference to Southern Africa.
M.Sc. - Rhodes
- BESTER, A.M. (1981)** - Ingenieursgeologie kaarte vir regionale beplanning en ontwikkeling met spesiale verwysing na 'n gebied suidoos van Pretoria.
M.Sc. - Pretoria
- BEUKES, G.J. (1974)** - 'n Geologiese ondersoek van die gebied suid van Warmbad, Suidwes-Afrika, met spesiale verwysing na die metamorf-magmatiese assosiasies van die Voorkambriese gesteentes.
D.Sc. - O.F.S.
- BEUKES, N.J. (1979)** - Die karbonaatgesteentes en ysterformasies van die Ghaap-Groep van die Transvaal Supergroep in Noord Kaapland.
Ph.D. - R.A.U.
- BIRCH, G.F. (1975)** - Sediments on the continental margin off the west coast of South Africa.
Ph.D. - Cape Town
- BLAINE, J.L. (1977)** - Tectonic evolution of the Waldau Ridge structure and the Okahandja lineament of the Central Damara Orogen, west of Okahandja.
M.Sc. - Cape Town

- BLIGNAULT, H.J. (1977)** - Structural metamorphic imprint on part of the Namaqua Mobile Belt in South West Africa.
Ph.D. - Cape Town
- BLOCH, S. (1969)** - Surface wave dispersion in Southern Africa.
Ph.D. - Witwatersrand
- BONNET, L.J. (1978)** - Die geologie van die gebied 2877C suidoos van Winburg, Oranje-Vrystaat.
M.Sc. - O.F.S.
- BOOCOCK, C.N. (1984)** - Ore genesis along the Antimony Line, Murchison Range, Northeastern Transvaal.
M.Sc. - Witwatersrand
- BOOTH, P.W.K. (1971)** - The Birds River Dolerite Complex.
M.Sc. - Rhodes
- BOOYSEN, J.L. (1982)** - 'n Geohidrologiese studie van die Wesrand-dolomitiese gebied, kunsmatige aanvulling, waterbalans-berekeninge en vermeerdering van grondwaterlewering met hoë-energieploffstowwe.
M.Sc. - O.F.S.
- BOTHA, P.J. (1978)** - Die geologie in die omgewing van die Benedek-Omararurivier, Suidwes-Afrika.
M.Sc. - O.F.S.
- BOWEN, D.J. (1977)** - The Chishanya Carbonatite Complex.
M. Phil. - London (Zimbabwe)
- BOWEN, M.P. (1984)** - The petrogenesis of the volcanic rocks of the Witwatersrand triad in the Klerksdorp area, Transvaal.
M.Sc. - Rhodes
- BOWEN, T.B. (1984)** - The geochemical stratigraphy of the volcanic rocks of the Witwatersrand triad in the Klerksdorp area, Transvaal.
M.Sc. - Rhodes
- BOWLES, M. (1979)** - A review of the economic geology of tungsten.
M.Sc. - Rhodes
- BREDELL, J.H. (1983)** - Refractory clays in the Transvaal: exploration genesis and property interrelationships.
D.Sc. - Pretoria
- BREDENKAMP, D.B. (1978)** - Quantitative estimation of groundwater recharge with special reference to the use of natural radio-active isotopes and hydrological simulation.
Ph.D. - O.F.S.
- BREITKOPF, J.H. (1986)** - Iron formations and associated amphibolites in the southern part of the Damaran Orogen of South West Africa/Namibia.
Ph.D. - Witwatersrand

- BREMNER, J.M. (1978) - Sediments on the continental margin of South West Africa between latitudes 17° and 25°S.
Ph.D. - Cape Town
- BRINK, M.C. (1982) - The structural geology of the Buffelsfontein Gold Mine.
M.Sc. - Natal (Pmb)
- BRISTOW, J.W. (1977) - The geology and geochemistry of the southern Lebombo.
M.Sc. - Natal (Durban)
- BRISTOW, J.W. (1980) - The geochronology and geochemistry of Karoo volcanics in the Lebombo and adjacent areas.
Ph.D. - Cape Town
- BRODERICK, T.J. (1977) - Explanation of the geological map of the country east of Kariba.
M.Sc. - Rhodes
- BRUNKE, E.G. (1978) - Hydrogeochemical orientation surveys at two uranium deposits in the Beaufort West area.
M.Sc. - Cape Town
- BRYNARD, H.J. (1974) - Die mineralogie en petrografie van die Merenskyrif in die Western Platinum-myn, naby Marikana.
M.Sc. - R.A.U.
- BUCHANAN, D.L. (1972) - The petrography of rocks of the Bushveld Complex intersected by boreholes in the Bethal area.
M.Sc. - Pretoria
- BULLEY, B.G. (1982) - The geology of the Tafamisi area, Natal.
M.Sc. - Natal (Durban)
- BUNTING, F.J.L. (1978) - Geology of part of the Central Damara Belt around the Tumas River, South West Africa.
M.Sc. - Rhodes
- BURGER, C.A.J. (1980) - Die geohidrologie van 'n gebied in die Suid-Vrystaat, met spesiale verwysing na doleriet-komstrukture.
M.Sc. - O.F.S.
- BUTLER, L.R.P. (1980) - A contribution to analytical atomic spectroscopy.
D.Sc. - Cape Town
- BUTTON, A. (1974) - A regional study of the stratigraphy and development of the Transvaal Basin in the Eastern and Northeastern Transvaal.
Ph.D. - Witwatersrand
- CADLE, A.B. (1974) - A subsurface sedimentological investigation of parts of the Ecca and Beaufort Groups in the northeastern Karoo Basin.
M.Sc. - Natal (Durban)

- CAIRNCROSS, B. (1979) - Depositional framework and control of coal distribution and quality, Van Dyk's Drift area northern Karoo Basin.
M.Sc. - Natal (Durban)
- CAIRNCROSS, B. (1986) - Depositional environments of the Permian Vryheid Formation in the East Witbank Coalfield, South Africa: a framework for coal seam stratigraphy, occurrence and distribution.
Ph.D - Witwatersrand
- CAMDEN-SMITH, P. (1980)- The sedimentology, geochemistry and diagenesis of West Rand Group sediments in the Heidelberg area, Transvaal.
M.Sc. - Cape Town
- CARDOSO, P. (1980) - A study of mantle inclusions in the Koffiefontein kimberlite pipe, South Africa.
M.Sc. - Cape Town
- CHAMPION, A.T. (1970) - The mineralogy and related geology of the Albert Silver Mine.
M.Sc. - Natal (Durban)
- CHARLESWORTH, E.G. (1981)-Tectonics and metamorphism of the northern margin of the Namaqua-Natal Mobile Belt, near Eshowe, Natal.
Ph.D. - Natal (Durban)
- CHERNICOFF, C.J. (1985) - A synthesis of the structural geology of the Northern Transvaal.
M.Sc. - R.A.U.
- CLARK, R.J. Mc. (1973) - The geology of the Roodekraal Igneous Complex, Potchefstroom District.
M.Sc. - Witwatersrand
- CLARK, Wilma (1985) - Die ontwikkeling van apparaat en analitiese tegnieke vir gekoppelde X-straaldiffraksie ontleidings van flodders.
M.Sc. - R.A.U.
- CLAY, A.N. (1981) - The geology of the Malmani Dolomite Subgroup in the Carletonville area, Transvaal.
M.Sc. - Witwatersrand
- CLEMENT, C.R. (1983) - A comparative geological study of some major kimberlite pipes in the Northern Cape and Orange Free State.
Ph.D. - Cape Town
- CLOETE, M. (1981) - 'n Voorkoms van sink-looderts in gemetamorfoseerde dolomiet suid van Hendrina.
M.Sc. - Pretoria.

- CLUBLEY-ARMSTRONG, A.R. (1978) - The geology of the Selousrivier area, north of Middelburg, Transvaal, with special reference to the structure of the regions southeast of the Dennilton Dome.
M.Sc. - Pretoria
- COETZEE, D.S. (1979) - Styl en intensiteit van vervorming in die Kaap-en Karoo-opeenvolging vanaf Meiringspoort tot by Beaufort Wes langs $22\frac{1}{2}^{\circ}$ oosterlengte.
M.Sc. - Stellenbosch
- COETZEE, J. (1984) - Die gedissemineerde laegraadse kassiteriet-afsettings in die Bobbejaankopgraniet by die Zaaiplaatsmyn.
M.Sc. - Pretoria
- COETZEE, M.S. (1986) - Die ultramafiese insluitsels van die kimberliet in die ou Newlandsmyne.
M.Sc. - Potchefstroom
- COGHO, V.E. (1984) - Radioactive contaminant transport through a porous medium.
M.Sc. - O.F.S.
- COLLIS, G.D. (1985) - Determining the depth of weathering in a granite province using the seismic refraction method.
M.Sc. - Zimbabwe
- CONRADIE, J.A. (1983) - Petrological and petrochemical aspects of the Koperberg Suite, Namaqualand.
M.Sc. - O.F.S.
- COOPER, J.T. (1979) - The application of thermal infrared linescan imagery to engineering investigations of dolomite in South Africa.
M.Sc. - Cape Town
- COOPER, M.R. (1973) - A revision of the Uitenhage cephalopoda.
M.Sc. - Natal (Durban)
- CORBETT, D.H. (1979) - A review of landscape development and erosion cycles in Southern Africa.
M.Sc. - Rhodes
- CORNER, B. (1982) - An interpretation of the aeromagnetic data covering portion of the Damara Orogenic Belt, with special reference to the occurrence of uraniferous granite.
Ph.D. - Witwatersrand
- COTTERILL, P. (1976) - The geology of the chromitite deposits of Selukwe, Rhodesia.
D. Phil. - Rhod. (Zimbabwe)
- CROCKER, I.T. (1976) - Fluorite mineralization in the Bushveld granites southeast of Rooiberg, Tvl.
M.Sc. - Stellenbosch

- CRUZ, M.A. de la (1978)- Marine geophysical and geological investigations in Saldanha Bay.
M.Sc. - Cape Town
- DABROWSKI, F.A. (1980) - A review of unconformity-type uranium deposits.
M.Sc. - Rhodes
- DAVIES, B.J. (1982) - Geophysical prospecting methods for graphite in the Lynx Mine area.
M.Sc. - Zimbabwe
- DAVIES, G. (1983) - The petrogenesis of the peripheral zone of the Rustenburg Layered Suite and associated sills between Hartbeespoort and Buffelspoort Dams, Western Bushveld Complex.
Ph.D. - Witwatersrand
- DAVIES, R.D. (1971) - Geochronology and isotopic evolution of the early Precambrian crustal rocks in Swaziland.
Ph.D. - Witwatersrand
- DAY, P.J. (1979) - Mineralogical characterization of amosite asbestos.
M.Sc. - R.A.U.
- DAY, R.W. (1980) - An interpretation of magnetometric data from from the Lichtenburg and Zeerust districts, Western Transvaal.
M.Sc. - Pretoria
- DE BRUIYN, H. (1981) - The geology of the acid phase of the Bushveld Complex, north of Pretoria.
Ph.D. - O.F.S.
- DE DECKER, R.N. (1986) - The geological setting of diamondiferous deposits on the inner shelf between the Orange River and Wreck Point, Namaqualand.
M.Sc. - Cape Town
- DE KLERK, W.J. (1982) - Geology geochemistry and silicate mineralogy of the Upper Critical Zone of the Northwestern Bushveld Complex at RPM Union Section.
M.Sc. - Rhodes
- DE KOCK, G.S. (1984) - 'n Litostratigrafiese studie van gebied 2216AA en AC in die sentrale Damara-orogen, S.W.A.
M.Sc. - O.F.S.
- DELL, R.W. (1982) - Major fault systems in the mining area of Western Holdings Limited Gold Mine (Holdings Division) in the Orange Free State Goldfields.
M.Sc. - Natal (Durban)
- DE RIDDER, E. (1971) - The sedimentary succession exposed in the Borg Massif, Western Queen Maud Land, Antarctic.
M.Sc. - Pretoria

- DE WET, J.J. (1974) - Carbonatites and related rocks at Salpetre Kop, Sutherland.
M.Sc. - Stellenbosch
- DE WIT, M.C.J. (1980) - A geophysical investigation and geological interpretation of part of the diamondiferous gravels on the farm Grasfontein (356JP), west of Bakerville.
M.Sc. - Pretoria
- DINGEMANS, D.R.W. (1981) - Geodynamics, rifting and stratiform and strata-bound mineral deposits.
M.Sc. - Rhodes
- DINSDALE, J.L. (1982) - The development and control of pocket mineralisation in the Rooiberg quartzites.
M.Sc. - Pretoria
- DIX, O.R. (1979) - The geology of the Tugela Rand intrusive suite.
M.Sc. - Natal (Pmb)
- DREYER, C.J.B. (1975) - The geology of the Bewaarkloof area, Pietersburg asbestos field.
M.Sc. - Witwatersrand
- DREYER, C.J.B. (1983) - Amphibole asbestos in South Africa.
Ph.D. - R.A.U.
- DUGUID, K.B. (1978) - The geology of the Karoo System in the Sabi and Lundi-Sabi Basins.
D.Phil. - Rhod. (Zimbabwe)
- DUNLEVEY, J.N. (1978) - The quartz porphyry dykes of the Franschoekberg tunnel.
M.Sc. - Stellenbosch
- DUNLEVEY, J.N. (1985) - The minor plutons of the Cape granite suite.
Ph.D. - Stellenbosch
- DU PLESSIS, G. (1979) - 'n Metamorf-magmatiese studie van 'n gedeelte van die Namakwalandse Metamorfe Kompleks langs die Oranjerivier, oos van Onseepkans.
M.Sc. - O.F.S.
- DU PLESSIS, M.D. (1976) - The Bushveld granites and the associated rocks in the area northwest of Warmbaths, Transvaal.
M.Sc. - Pretoria
- DU PLOOY, L. (1986) - Geologie van die Griekwastad-Niekerkshoopgebied in Noord-Kaapland.
M.Sc. - Stellenbosch
- DU TOIT, M.C. (1981) - Die geologie en struktuur van die gebiede Levubu en Bandelierkop in Noord-Transvaal.
Ph.D. - R.A.U.
- DU TOIT, S.R. (1976) - Mesozoic geology of the Agulhas Bank, South Africa.
Ph.D. - Cape Town

- DUKAS, B.A. (1978) - 'n Studie van die Beaufort-groep en verwante gesteentes tussen Aberdeen en Richmond in die sentrale Karoekom.
M.Sc. - O.F.S.
- DUNDON, P.J. (1977) - A groundwater resource study of the Francistown area, Botswana.
M.Sc. - O.F.S.
- DURRHEIM, R.J. (1983) - Regional-residual separation and automatic interpretation of aeromagnetic data.
M.Sc. - Pretoria
- EASTELL, J. (1986) - A low dilution fusion technique for the determination of major, minor and trace elements in lamproite and kimberlite samples by X-ray fluorescence spectrometry.
M.Sc. - Cape Town
- ELS, B.G. (1984) - The sedimentology of the Middelvlei Reef on Doornfontein Gold Mine.
M.Sc. - R.A.U.
- EMPSALL, J.S. (1982) - The tectonic framework of magmatism and mineralization in the western United States.
M.Sc. - Rhodes
- EMSLIE, D.P. (1973) - The geology of an area around Sodium, Britstown District.
M.Sc. - O.F.S.
- EMSLIE, D.P. (1980) - The mineralogy and geochemistry of the copper, lead and zinc sulphides of the Otavi Mountainland, South West Africa.
Ph.D. - O.F.S.
- ENGELBRECHT, L.N.J. (1974) - Die geologie van die gebied tussen Kimberley en Barkly-Wes, Kaapprovincie.
M.Sc. - O.F.S.
- ENGELBRECHT, J.P. (1973) - The metamorphosed rocks of the Pretoria Series and the associated intrusive diabases in the Enzelsberg area, Marico District.
M.Sc. - Pretoria
- ERASMUS, D.J. (1981) - Die voorkoms en ekonomiese potensiaal van twee kaolienafsettings naby Bitterfontein, Van Rhynsdorp-distrik.
M.Sc. - R.A.U.
- ERIKSSON, P.G. (1979) - A palaeoenvironmental study of the Clarens Formation in the Natal Drakensberg.
M.Sc. - Natal (Durban)
- ERIKSSON, K.A. (1972) - A basin analysis of the Transvaal Sequence in the Potchefstroom synclinorium, Transvaal and Orange Free State.
M.Sc. - Witwatersrand

- ERIKSSON, K.A. (1977) - A palaeoenvironmental analysis of the Archaean Moodies Group, Barberton Mountain Land, South Africa.
Ph.D. - Witwatersrand
- ERIKSSON, P.G. (1983) - A palaeoenvironmental study of the Molteno, Elliot and Clarens Formations in the Natal Drakensberg and northeastern Orange Free State.
Ph.D. - Natal (Pmb)
- ERIKSSON, Susan Camenisch (1983) - Aspects of the petrochemistry of the Phalaborwa Complex, Northeastern Transvaal, South Africa.
Ph.D. - Witwatersrand
- ESTERHUIZEN, A.G. (1983) - The concept of grade in mineral deposits.
M.Sc. - Rhodes
- FALCON, R.M.S. (1972) - Preliminary study of the Karroo palynology in the mid-Zambezi Basin, Rhodesia.
M.Sc. - Witwatersrand
- FALCON, R.M.S. (1978) - A palynological comparison of Karoo sediments on opposite sides of the Rhodesian watershed with stratigraphic application.
Ph.D. - Witwatersrand
- FAURE, J.N. (1977) - Uraan-lood ouderdomsbepalings op granitiese gesteentes van die oostelike Bosveldkompleks.
M.Sc. - Pretoria
- FEATHER, C.E. (1976) - Mineralogy of the gold bearing reefs of the Witwatersrand.
Ph.D. - Cape Town
- FELHABER, T.A. (1984) - The geochemistry and sedimentology of Quaternary shelf sediments off the Tugela River, Natal, South Africa.
M.Sc. - Cape Town
- FERGUSON, J. (1975) - A contribution to the geology of mafic, ultra-mafic and alkaline igneous rocks.
D.Sc. - Witwatersrand
- FERREIRA, E.P. (1986) - 'n Sedimentologies-stratigrafiese ondersoek van die sedimentêre gesteente in die Ahlmannryggen, Antarktika.
M.Sc. - Stellenbosch
- FEY, P. (1971) - The geoloy of a portion of the country between Witvlei and Omitara, S.W.A.
M.Sc. - Rhodes
- FINNEMORE, S.H. (1976) - Geology of the Elisenheim area, Windhoek District, South West Africa, with special reference to the Matchless Amphibolite Belt.
M.Sc. - Rhodes

- FLEISCHER, J.N.J. (1982) - The geohydrology of the dolomite aquifers of the Malmani Subgroup in the southwestern Transvaal, Republic of South Africa.
Ph.D. - O.F.S.
- FLEMMING, B. (1977) - Depositional processes in Saldanha Bay and Langebaan Lagoon.
Ph.D. - Cape Town
- FLETCHER, B.A. (1982) - The factors affecting the interpretation of geochemical surveys in mineral exploration.
M.Sc. - Rhodes
- FOURIE, E.T. (1985) - Die stratigrafie en sedimentologie van die Chuniespoortgroep in Noordwes-Transvaal.
M.Sc. - R.A.U.
- FOURIE, P.J. (1982) - Die piroksenitiese gesteentes van die Phalaborwa-kompleks met verwysing na die verspreiding van fosfaat.
M.Sc. - R.A.U.
- FRICK, C. (1970) - The mineralogy and petrology of kimberlite and its related inclusions, with special reference to Premier Mine.
D.Sc. - Pretoria
- FRIGGENS, P.J. (1980) - Interpretation of mineralogical, chemical and morphological features of duricrusts and its application to mineral exploration.
M.Sc. - Rhodes
- FRIPP, R.E.P. (1984) - The Precambrian geology of the area around the Sand River near Messina, Northern Transvaal.
Ph.D. - Witwatersrand
- FURNELL, R.G. (1981) - A review of the use of geophysics in base- and precious-metal exploration.
M.Sc. - Rhodes
- GADD-CLAXTON, D.L. (1981) - The economic geology of the O'okiep Copper deposits, Namaqualand, South Africa.
M.Sc. - Rhodes
- GAIGHER, J.L. (1980) - The mineral matter in some South African coals.
M.Sc. - Pretoria
- GAIN, S.B. (1982) - The cyclic units of the Upper Critical Zone on Maandagshoek 254KT, Eastern Bushveld Complex.
M.Sc. - Pretoria
- GARVIE, O.G. (1981) - The surface textures on pyrope, picroilmenite and chrome diopside from kimberlite.
M.Sc. - Cape Town

- GEERTSEMA, A.J. (1986)- Die ingenieurgeoologie van sandsteen in die Natal Groep.
M.Sc. - Pretoria
- GERBER, A. (1977) - 'n Ondersoek na die hidroliese eienskappe van die ondergrondse waterbron in die Kaapse Vlakte.
M.Sc. - O.F.S.
- GERINGER, G.J. (1974) - Die geologie van die Argeiese gesteentes en jonger formasies in die gebied wes van Upington met spesiale verwysing na die verskillende granietvoorkomste.
D.Sc. - O F.S.
- GERMIQUET, J.D. (1977) A mineralogical investigation of some palygorskite deposits in South Africa with reference to beneficiation and industrial use.
M.Sc. - R.A.U.
- GERMS, G.J.B. (1972) - The stratigraphy and palaeontology of the Lower Nama Group, South West Africa.
Ph.D. - Cape Town
- GEWALD, H. (1974) - The mineralization at Madziwa Mine, Rhodesia.
Ph.D. London. - (Zimbabwe)
- GOODLAD, S.(1986) - Tectonic and sedimentary history of the mid-Natal Valley (SW Indian Ocean).
Ph.D. - Cape Town
- GORTON, R.K. (1981) - The petrology of the Kielder sulphide bodies and their wall rocks: district of Prieska, Northern Cape, South Africa.
M.Sc. - Cape Town
- GRANT, D.E.C.S. (1981)- Sampling in the evaluation of ore deposits.
M.Sc. - Rhodes
- GRANTHAM, G.H. (1983) - The tectonic metamorphic and intrusive history of the Natal Mobile Belt between Glenmore and Port Edward, Natal.
M.Sc. - Natal (Pmb)
- GREEN, B.W. (1979) - High resolution seismology in prospecting for chromite ore.
M.Sc. - Rhod. (Zimbabwe)
- GREEN, R.W.E. (1980) - A data acquisition and processing system, with application to seismological problems in Southern Africa.
Ph.D. - Witwatersrand

- GREENSHIELDS, H.D (1978) - A palaeoenvironmental analysis of the Beaufort Group along the Transkei and parts of the Ciskei coast.
M.Sc. - Natal (Pmb)
- GREER, S.E. (1982) - The stratigraphy and sedimentology of the Potgietersrus area with particular reference to the Malmani Subgroup.
M.Sc. - Witwatersrand
- GRESSE, P.G. (1976) - The structure and metamorphism of the pre-Cape rocks in the coastal strip south of George, C.P.
M.Sc. - Stellenbosch
- GRESSE, P.G. (1986) - The tectono-sedimentary history of the Vanrynsdorp Group.
Ph.D. - Stellenbosch
- GROBLER, N.J. (1973)- The geology of the Pietiersburg Greenstone Belt.
D.Sc. - O.F.S.
- GROENEWALD, G.H (1985)-Stratigrafie en sedimentologie van die groep Beaufort in die Noordoos-Vrystaat.
M.Sc. - R.A.U.
- GROENEWALD, P.B.(1984)-The lithostratigraphy and petrogenesis of the Nsuze Group, northwest of Nkandla.
M.Sc. - Natal (Pmb)
- GUEST, A.R. (1986) - A study of mining induced fracturing in a diamond mine.
M.Sc. - R.A.U.
- GUY, J.E. (1974) - The geology of an area to the north-west of Mandini, Zululand.
M.Sc. - Natal (Durban)
- HAGAN, T.O'Neil (1981)-A photogrammetric study of mining-induced fracture phenomena and instability on a deep level longwall stope-face with variable lengths.
M.Sc. - R.A.U.
- HALL, K. (1979) - Quaternary glacial geology of Marion Island.
Ph.D. - O.F.S.
- HAMBLETON-JONES, B.B.- The geology and geochemistry of some epigenetic uranium deposits near the Swakop River, South West Africa.
D.Sc. - Pretoria
- HAMMERBECK, E.C.I. - The Usushwana Complex in the southeastern Transvaal with special reference to its economic mineral potential.
D.Sc. - Pretoria

HARMER, R.E. (1979) - Pre-Cape geology of the Tugela Valley north of Kranskop, Natal.
M.Sc. - Natal (Durban)

HARRISON, P.A. (1983)- Economic geology of sulphide nickel deposits.
M.Sc. - Rhodes

HART, R.J. (1978) - A study of the isotopic and geochemical gradients in the old granite of the Vredefort Structure, with implications for continental heat flow.
Ph.D. - Witwatersrand

HARTNADY, C.J.H (1978)-Structural geology of the Naukluft Nappe Complex and its relationship to the Damaran Orogenic Belt.
Ph.D. - Cape Town

HATTINGH, P.J. (1977)- 'n Regionale gravitasie-opname van die Bosveld-kompleks in die omgewing van Groblersdal, Lydenburg en Belfast.
M.Sc. - Pretoria

HATTINGH, P.J. (1983)- A palaeomagnetic investigation of the layered mafic sequence of the Bushveld Complex.
D.Sc. - Pretoria

HATTON, C.J. (1978) - Geochemistry and origin of Roberts Victor eclogites.
Ph.D. - Cape Town

HAY, R. (1984) - Sediment dynamics on the continental shelf between Durban and Port St. Johns (Southeast African continental margin).
M.Sc. - Cape Town

HENZEN, M.R. (1974) - Die herwinning, opberging en onttrekking van gesuiwerde rioolwater in die Kaapse Skiereiland.
M.Sc. - Stellenbosch

HILL, R.S. (1972) - Geology of the northern periphery of the Algoa Basin.
M.Sc. - Stellenbosch

HODGSON, F.D.I.(1973)- The geology of the Brandberg-Aba Huab area, South West Africa.
D.Sc. - O.F.S.

HOLLIMAN, K.A. (1981)- Geological factors affecting the grade and tonnage of sandstone uranium deposits.
M.Sc. - Rhodes

HORROCKS, P.C.B. (1982) - The Precambrian geology of an area between Messina and Tshipise, Limpopo Mobile Belt.
Ph.D. - Witwatersrand

- HOSKING, B.C. (1981)- The stratigraphy and sedimentation of the Karoo Supergroup in the mid-Zambezi Valley, Zimbabwe.
M. Phil. - Zimbabwe
- HULBERT, L.J. (1984)- A petrographical investigation of the Rustenburg Layered Suite and associated mineralization south of Potgietersrus.
D.Sc. - Pretoria
- HUMPHREYS, H.C. (1985)-The stratigraphy and structural evolution of an area northeast of Kenhardt, Northwest Cape Province, with reference to the effect of late structures upon sulphide mineralization.
M.Sc. - Western Cape
- HUTCHISON, R.I. (1976)-The Witwatersrand System as a model of sedimentation in an intracratonic basin.
D.Sc. - O.F.S.
- IANELLO, P. (1970) - The geology of the country between Boshofberg and the Crocodile River.
M.Sc. - Pretoria
- ILLENBERGER, W.K. - The Alexandria coastal dunefield: morphology, sand budget and history.
M.Sc. - Port Elizabeth
- JACK, A.M. (1980) - The geology of western Namaqualand.
M.Sc. - Cape Town
- JACKSON, M.P.A. (1976)-High-grade metamorphism and migmatization of the Namaqua Metamorphic Complex around Aus in the southern Namib Desert, South West Africa.
Ph.D. - Cape Town
- JACOB, R.E. (1974) - Geology and metamorphic petrology of part of the Damara Orogen along the lower Swakop River, South West Africa.
Ph.D. - Cape Town
- JAKOB, W.R.O. (1977)- Geochemical aspects of the megacryst suite from the Monastery kimberlite pipe.
M.Sc. - Cape Town
- JANKOWITZ, J.A.C. - 'n Petrochemiese ondersoek van die Cnydas-batoliet, wes van Upington.
M.Sc. - O.F.S.
- JANSE VAN RENSBURG, H.-'n Ondersoek na die benutting van grondwater in die Grootfonteinkompartement (Wes-Transvaal).
M.Sc. - O.F.S.
- JANSEN, E. (1984) - Die stratigrafie en sedimentologie van die Volop-Groep, Olifantshoekopeenvolging.
M.Sc. - R.A.U.

- JEFFREY, D.G. (1975)- Structural discontinuities in the Witwatersrand Group on the E.R.P.M. Mine: their geology, geochemistry and rock mechanics behaviour.
M.Sc. - Witwatersrand
- JENNINGS, C.M.H. - The hydrogeology of Botswana.
(1974) Ph.D. - Natal (Durban)
- JOHNSON, C.H. (1983)- Placer deposits: a review of their geology and processes of formation that influence their economic viability.
M.Sc. - Rhodes
- JOHNSON, M.R. (1976)- Stratigraphy and sedimentology of the Cape and Karoo sequences in the Eastern Cape Province.
Ph.D. - Rhodes
- JOLLY, M.K. (1985) - The sedimentology and economic potential of the auriferous Middelvlei Reef on Driefontein Consolidated Limited.
M.Sc. - R.A.U.
- JONES, D.H. (1984) - Unstable ground conditions associated with Karoo outliers in the dolomitic environment of the Far West Rand.
D.Sc. - Pretoria
- JONES, J.P. (1974) - Pegmatitic bodies in mafic rocks of the Bushveld Complex, Bafokeng leasehold area, Western Transvaal.
M.Sc. - Witwatersrand
- JONES, K.D. (1978) - A study of seismicity in the Damara Province.
M.Sc. - Witwatersrand
- JONES, M.Q.W. (1981)- Heat flow and heat reproduction studies in the Namaqua Mobile Belt and Kaapvaal Craton.
Ph.D. - Witwatersrand
- JOUBERT, C.W. (1974)- Die geologie van 'n gebied tussen Boshof en Barkly-Wes.
M.Sc. - O.F.S.
- JOUBERT, J. (1976) - Gemetamorfoseerde karbonaatinsluitels in die Bosone van die Bosveldkompleks, wes van Roossenekal, Transvaal.
M.Sc. - Pretoria
- KABLE, E.J.D. (1972)- Some aspects of the geochemistry of selected elements in basalts and associated lavas.
Ph.D. - Cape Town

- KARTUN, K.G. (1979) - The geology of the Tantalite Valley mafic-ultramafic complex and the Kumkum metamorphic-igneous massif near Warmbad, S.W.A./Namibia.
Ph.D. - Cape Town
- KASCH, K.W. (1981) - The structural geology, metamorphic petrology and tectonothermal evolution of the southern Damara Belt around Omitara, SWA/Namibia.
Ph.D. - Cape Town
- KENYON, A.K. (1976) - Reaction phenomena between Karroo dolerite and Cave Sandstone xenoliths in the Bird's River Complex.
M.Sc. - Rhodes
- KINGSLEY, C.S. (1977) - Stratigraphy and sedimentology of the Ecca Group in the Eastern Cape Province, South Africa.
Ph.D. - Port Elizabeth
- KLEEMANN, G.J. (1986) - The geochemistry and petrology of the roofrocks of the Bushveld Complex east of Groblersdal.
M.Sc. - Pretoria
- KLEYENSTÜBER, A.S.E. (1980) - 'n Mineralogiese ondersoek van hoë-temperatuur reduksieprodukte van mangaanerts vanuit die Mamatwanmyn, Kalahari-mangaanveld.
M.Sc. - R.A.U.
- KLEYENSTÜBER, A.S.E. (1986) - A regional mineralogical study of the manganese-bearing Voëlvlei Subgroup in the Northern Cape Province.
Ph.D. - R.A.U.
- KLEYNHANS, E.P.J. (1980) - The geology of an area around Warrenton, Northern Cape, with special reference to the volcanology and geochemistry of the Ventersdorp Supergroup.
M.Sc. - O.F.S.
- KLOP, A.A.C. (1978) - The metamorphosed sediments of the Pretoria Group and the associated rocks northwest of Zeerust, Western Transvaal.
M.Sc. - Pretoria
- KLOPPER, B.C. (1977) - Some absorption/contamination phenomena observed in dilute trace element solutions stowed in high-density polyethylene containers.
M.Sc. - Cape Town
- KOSTLYN, E.O. (1971) - The Rb/Sr radiometric ages of the Richtersveld Complex and neighbouring bostonite dykes.
M.Sc. - Witwatersrand
- KRAPEZ, B. (1980) - A sedimentological study of the Ventersdorp Contact Reef at East Driefontein Gold Mine, Carletonville, South Africa.
M.Sc. - Witwatersrand
- KRUGER, F.J. (1978) - A contribution to the petrology of kimberlites.
M.Sc. - Rhodes

- KRUGER, F.J. (1982) - The petrology of the Merensky Cyclic Unit and associated rocks and their significance in the evolution of the Western Bushveld Complex.
Ph.D. - Rhodes
- KRUGER, J.E. (1976) - Contributions to the knowledge of the characteristics of vitreous blast-furnace slag with a high magnesia content.
D.Sc. - Pretoria
- KRUGER, S.J. (1982) - 'n Mineralogiese ondersoek van die asfraksie van die Springbokvlaktesteenkoolveld.
M.Sc. - R.A.U.
- KRYNAUW, J.R. (1977) - The George granite pluton and its relationship to the Kaaimans Formation.
M.Sc. - Stellenbosch
- KUBLER, M. (1977) - The sedimentology and uranium mineralization of the Beaufort Group in the Beaufort West-Fraserburg-Merweville area, Cape Province.
M.Sc. - Witwatersrand
- KUCHOCHA, R.S. (1985) - Ground follow-up of an airborne electromagnetic anomaly near Mazowe Mine.
M.Sc. - Zimbabwe
- KYLE, D.L. (1972) - The geology of the Shamrock Mine and surrounding area, Rhodesia.
M.Sc. - Rhodes
- LABUSCHAGNE, A.N. (1974) - The Ventersdorp lavas in the East Driefontein Gold Mine.
M.Sc. - Potchefstroom
- LABUSCHAGNE, L.S. (1970) - The structure and mineralization of the orebodies at Blaauwbank and Nieuwpoort, Rooiberg Tinfield, Transvaal.
M.Sc. - Pretoria
- LAMBERT, J.F. (1981) - The petrology of the ultrabasic rocks of the Tugela Valley, Natal.
Ph.D. - Natal (Durban)
- LAWLESS, P.J. (1974) - Some aspects of the geochemistry of kimberlite xenocrysts.
M.Sc. - Cape Town
- LAWLESS, P.J. (1978) - The Bultfontein kimberlite xenoliths.
Ph.D. - Cape Town
- LE BLANC SMITH, G. (1981) - Genetic stratigraphy and palaeoenvironmental controls on coal distribution in the Witbank Basin Coalfield.
Ph.D. - Witwatersrand

- LEE, C.A. (1973) - The petrochemistry of the Katete, Shawa and Dorowa carbonatites, Rhodesia.
Ph.D. - London (Zimbabwe)
- LEEMING, P.M. (1985) - Turbidite-hosted gold deposits.
M.Sc. - Rhodes
- LE ROUX, A.P. (1980) - Geochemistry and mineralogy of selected Atlantic Ocean basalts.
Ph.D. - Cape Town
- LE ROUX, D.M. (1974) - Struktuurondersoek van die Kaapse plooigordel oos van Barrydale.
M.Sc. - Stellenbosch
- LE ROUX, J.P. (1977) - The stratigraphy, sedimentology and structure of the Cango Group north of Oudtshoorn, C.P.
M.Sc. - Stellenbosch
- LE ROUX, J.P. (1985) - Palaeochannels and uranium mineralization - main Karoo Basin.
Ph.D. - Port Elizabeth
- LE ROUX, J.P. (1985) - Die eienskappe en korrelasie van steenkollae in die Witbank-Bethal-Breyton-gebied.
M.Sc. - Pretoria
- LE ROUX, J.S. (1975) - Paleogeologiese en paleografiese aspekte van die Sisteem Karoo.
D.Sc. - O.F.S.
- LEMMER, W.M. (1977) - Die geologie in die omgewing van Britstown.
M.Sc. - O.F.S.
- LESCH, W. (1986) - Mineral composition of Powder Fly Ash (PFA).
M.Sc. - Stellenbosch
- LEVIN, M. (1979) - 'n Geologiese en hidrologiese ondersoek na uraan in die noordelike Karoo.
M.Sc. - Pretoria
- LEYGONIE, F.E. (1974) - Die graniete van Langebaan, K.P.
M.Sc. - Stellenbosch
- LIEBENBERG, J. (1978) - Die geologie van die gebied 2724D (Andalusia).
M.Sc. - O.F.S.
- LIGHT, M.P.R. (1980) - The structure and metamorphism of the region east of Beitbridge, Zimbabwe.
D. Phil. - Zimbabwe
- LILLY, P.A. (1978) - Deformation in the collar rocks of the Vredefort ring structure.
Ph.D. - Witwatersrand
- LINSTRÖM, W. (1973) - Die geologie van die Sisteem Karoo wes van Mooirivier, Natal.
M.Sc. - O.F.S.

- LINSTRÖM, W. (1978) - Die geologie tussen Kenhardt en Marydale met spesiale verwysing na die verband tussen die Kheisgesteentes en die Namakwalandse Mobiele Gordel.
Ph.D. - O.F.S.
- LIPSON, R.D. (1979) - Some aspects of the geology of part of the Aggeneysberge and surrounding gneisses, Namaqualand.
M.Sc. - Witwatersrand
- LISTER, L.A. (1976) - The erosion surfaces of Rhodesia.
D. Phil.- London (Zimbabwe)
- LOCKETT, N.H. (1979) - The metamorphism and structural geology of the Dett-Kamativi area, Rhodesia.
D. Phil. - Rhod. (Zimbabwe)
- LOGAN, C.T. (1979) - Aspects of Karoo vulcanicity in the Komatipoort area Lebombo.
Ph.D. - Natal (Durban)
- LONGSHAW, T.G. (1982)- Multispectral airborne and spaceborne imagery in the Southern African environment.
Ph.D. - Witwatersrand
- LOTTER, C.J. (1986) - The problem of pollution in groundwater.
M.Sc. - O.F.S.
- LOUWRENS, E.L. (1983)- Die petrografie en geochemie van gesteentes van die Sutherland-Groensteengordel, Noordoos-Transvaal, met spesiale verwysing na die regionale verspreiding van goud.
M.Sc. - R.A.U.
- LURIE, J. (1974) - The Pilanesburg geology, rare element geochemistry and economic potential.
Ph.D. - Rhodes
- LYNCH, S.D. (1983) - Grondwatermodellering en parameteridentifikasie van die Sishenakwifreeer.
M.Sc. - O.F.S.
- MAASSEN, L.W. (1983) - Metallogenic evolution of the southern Appalachian orogenic belt and Mississippi Valley.
M.Sc. - Rhodes
- MACKIE, C.D. (1981) - Multi rate step test, technique. A review and critical discussion.
M.Sc. - O.F.S.
- MACLAREN, H.M. (1985)- The geology of the area east of Pofadder with emphasis on shearing associated with the Pofadder Lineament, Northwest Cape.
M.Sc. - Cape Town
- MACRAE, C.S. (1978) - Palaeozoic palynology of Botswana.
M.Sc. - Witwatersrand

- MAHER, M.J. (1980) - A study of the gravity field in the Gordonia District.
M.Sc. - Witwatersrand
- MALHERBE, S.J. (1983)- Die geologie van die suidelike rand van die Roodeplaatkaldeira, noordos van Pretoria.
M.Sc. - O.F.S.
- MARAIS, C.L. (1978) - An investigation of the pyroxenite marker and the associated rocks in the Main Zone of the Eastern Bushveld Complex.
M.Sc. - Pretoria
- MARCHANT, J.W. (1980)- Hydrogeochemical exploration at Tsumeb.
Ph.D. - Cape Town
- MARKGRAAFF, J. (1973)- Die piroksene van die westelike Bosveldkompleks.
M.Sc. - Potchefstroom
- MARKGRAAFF, J. (1983)- Die invloed van hoë druk op kwarts en die moontlike energie-implikasie van gepaardgaande Dauphine-vertweeling.
Ph.D. - R.A.U.
- MARHNELLI, E. (1978) - Recommended standardized procedures for hydrogeological mapping in Southern Africa.
Ph.D. - O.F.S.
- MARLOW, A.G. (1976) - The geology of the Bushveld Complex on the Sekhukhune plateau, Eastern Transvaal.
M.Sc. - Pretoria
- MARSH, J.S. (1973) - Alkaline igneous rocks of the coastal belt south of Luderitz, South West Africa: a petrological study.
Ph.D. - Cape Town
-
- MARTENS, F. (1980) - A sequence of deformational events in the Ratelpoort fold area, Namaqualand.
M.Sc. - O.F.S.
- MARTIN, A. (1983) - The geology of the northern part of the Belingwe Greenstone Belt and surrounding granitoids.
D. Phil. - Zimbabwe
- MARTIN, K. (1984) - Plate tectonic status and sedimentary basin in-fill of the Natal Valley (S.W. Indian Ocean).
Ph.D. - Cape Town
- MARTIN, R.A. (1981) - Benthic foraminifera from the Orange-Luderitz shelf, Southern African continental margin.
M.Sc. - Cape Town

- MATHE, H.L.M. (1983) - Metallogenetic evolution of the Canadian Cordilleran Orogen.
M.Sc. - Rhodes
- MATHEWS, D. (1974) - A statistical and palaeoenvironmental analysis of the Ecca Group.
M.Sc. - Natal (Durban)
- MATURANA-BASCOPE, M. - Geology and mine planning.
(1983) M.Sc. - Rhodes
- MAWSON, S.A. (1983) - Geochemical exploration for gold, with particular reference to Southern Africa.
M.Sc. - Rhodes
- MAYER, J.J. (1974) - Die morfotektoniese ontwikkeling in sediment-petrologie van die Hartsvallei.
M.Sc. - Potchefstroom
- McCARTHY, T.S. (1977) - Geochemical studies of selected granitic terrains in South Africa.
Ph.D. - Witwatersrand
- McCULLOCH, A.E. (1981) - Geological factors affecting tonnage-grade relationships in orebodies of the Zambian Copperbelt.
M.Sc. - Rhodes
- McDONALD, A.J. (1982) - Seismicity of the Witwatersrand Basin.
M.Sc. - Witwatersrand
- McDONALD, B. (1981) - Review of carbonate hosted lead-zinc (copper) deposits and the geological factors affecting their shape, size and grade.
M.Sc. - Rhodes
- McFADDEN, P.L. (1975) - A palaeomagnetic study of Cretaceous kimberlite occurrences in the Northern Cape.
D. Phil. - Rhod. (Zimbabwe)
- MCCLAREN, C.H. (1975) - Die geologie van 'n gebied suid van Plooysburg, Noord-Kaapland.
M.Sc. - O.F.S.
- MCCLAREN, C.H. (1981) - 'n Mineralogiese ondersoek van die platinum-groepminerale in die boonste chromietlaag (UG2) van die Bosveldkompleks.
Ph.D. - R.A.U.
- MCQUILLIN, K. (1975) - A computer based system for the evaluation of coalfield data.
M.Sc. - Natal (Durban)
- MEADON, H.M. (1973) - Die geologie van die Wonderfonteingang.
M.Sc. - Potchefstroom
- MEYER, R. (1974) - Interpretation methods for shallow seismic refraction prospecting and their applications.
M.Sc. - Stellenbosch

- MILLER, R. McG.(1972) - The geology of a portion of southern Damaraland, South West Africa, with particular reference to the petrogenesis of the Salem granite.
Ph.D. - Cape Town
- MILNER, B.(1973) - A geophysical investigation of the loading of the Hendrik Verwoerd Dam.
M.Sc. - Witwatersrand
- MINNITT, R.C.A. (1975)- The geology of the eastern portion of the Murchison Range between the Quagga Camp area and the Kruger National Park.
M.Sc. - Witwatersrand
- MINNITT, R.C.A. (1979)- The geological setting of porphyry-type copper mineralization in the Haib River area, South West Africa.
Ph.D. - Witwatersrand
- MINTER, W.E.L. (1973) - Sedimentology of the Vaal Reef in the Klerksdorp area.
M.Sc. - Witwatersrand
- MINTY, B.R.S. (1982) - Automatic depth-estimates on aeromagnetic profiles.
M.Sc. - Pretoria
- MITCHELL, A.A. (1980) - Intrusive and extrusive basaltic rocks of the Molteno-Jamestown area.
M. Sc. - Rhodes
- MOEN, H.F.G. (1980) - Petrology and geological setting of the Wilgenhoutsdrif Formation, Northern Cape Province.
M.Sc. - O.F.S.
- MOLYNEUX, T.G. (1970)- A geological investigation of the Bushveld Complex in Sekhukhuneland and part of the Steelpoort Valley, Eastern Transvaal, with particular reference to the oxide minerals.
D.Sc. - Pretoria
- MOORE, A.E. (1979) - The geochemistry of the olivine melilites and related volcanics of Namaqualand/Bushmanland.
Ph.D. - Cape Town
- MOORE, J.M. (1977) - The geology of Namiesberg, Northern Cape.
M.Sc. - Cape Town
- MOSTERT, A.B. (1983) - A mineralogical and petrological investigation of the Platreef on Drenthe 778LR, northwest of Potgietersrus.
M.Sc. - Pretoria
- MULLER, J.L. (1984) - A preliminary investigation of modelling the Atlantis aquifer.
M.Sc. - O.F.S.
- MUTYORAUTA, J.J.(1982)- The response of nickel sulphides to geophysical exploration techniques.
M.Sc. - Zimbabwe

- NEL, C.J. (1985) - Die mineralogie en geochemie van die Mamatwanertsliggaam, Kalahari-mangaanveld, Transvaal Supergroep.
M.Sc.- R.A.U.
- NEL, D.J. (1976) - A petrochemical investigation of the Spitskop Alkaline Complex.
M.Sc. - Pretoria
- NEL, L. (1977) - Die geologie van 'n gebied suid van Hopetown.
M.Sc. - O.F.S.
- NELL, J. (1984) - The metamorphic aureole of the Bushveld Complex in the Potgietersrus area.
M.Sc. - Pretoria
- NEETHLING, D.C. (1970) - South African earth science exploration of Western Queen Maud Land, Antarctica.
Ph.D. - Natal (Durban)
- NEUHOFF, L.E. (1980) - Geological factors in the evaluation of vein deposits.
M.Sc. - Rhodes
- NEWTON, A.R. (1975) - Structural applications of remote sensing in the Cape Province and a new model for the evolution of the Cape Fold Belt.
Ph.D. - Cape Town
- NHUNHAMA, G. (1980) - A quantitative geophysical study of iron ore boundaries at Ripple Creek iron ore claims.
M.Sc. - Zimbabwe
- NORTON, I.O. (1978) - Plate tectonic motion between Africa and Antarctica and its influence on the morphology of the southeast Atlantic Ocean.
Ph.D. - Witwatersrand
- NUTT, T.H.C. (1985) - The geology and geochemistry of the Nando and Pinkun gold deposits and their bearing on the genesis of the Venice - What Cheer Goldfield, Kadoma District.
M. Phil. - Zimbabwe
- OLIVIER, H.J. (1977) - Some engineering-geological aspects of tunnel construction in Karoo strata with reference to the Orange-Fish tunnel.
Ph.D. - O.F.S.
- OLLILA, J.T. (1983) - A fluid inclusion and mineralogical study of tin deposits and rocks associated with the Bushveld Complex at the Zaaiplaats, Rooiberg and Union Tin Mines in the Central Transvaal, South Africa.
Ph.D. - R.A.U.

- ORPEN, J.L. (1978) - The geology of the southwestern part of the Belingwe Greenstone Belt and adjacent country - the Belingwe Peak area.
D.Phil. - Rhod. (Zimbabwe)
- ORR, C.M. (1973) - A study of fracture formation in a rock model.
M.Sc. - Natal (Durban)
- OTTO, J.D.T. (1973) - The geology and petrology of the Marble Delta.
D.Sc. - Stellenbosch
- PAGE, D.C. (1970) - The mineralogy of South African jade and the associated rocks in the district of Rustenburg, Western Transvaal.
M.Sc. - Pretoria
- PAGE, T.C. (1983) - Pure and applied sedimentology of the Ecca-Beaufort rocks of the Drakensberg pumped storage scheme.
M.Sc. - Natal (Pmb)
- PAIGE-GREEN, P. (1975) - The geotechnical properties of Dwyka tillite in the Durban area.
M.Sc. - Natal (Durban)
- PAIZES, P.E. (1976) - The geology of an area between Vaalkop and Aggeneyns, in the vicinity of Pofadder, Northwestern Cape Province.
M.Sc. - Witwatersrand
- PALMER, J.A. (1986) - Palaeoweathering in the Witwatersrand and Ventersdorp Supergroups.
M.Sc. - Witwatersrand
- PARIS, Isabelle (1985) - The geology of the farms Josefsdal, Dunbar and part of Diepgezet in the Barberton Greenstone Belt.
Ph.D. - Witwatersrand
- PARKER, R.J. (1971) - The petrography and major element geochemistry of the phosphate nodule deposits on the Agulhas Bank, South Africa.
M.Sc. - Cape Town
- PEARTON, T.N. (1980) - The geochemistry of the carbonate and related rocks of the Antimony Line, Murchison Greenstone Belt, with particular reference to their genesis and to the origin of stibnite mineralization.
Ph.D. - Witwatersrand
- PELHAM, D.A. (1983) - The geological evolution and mineralised environments of the Tasman Geosyncline.
M.Sc. - Rhodes
- PEMBERTON, J. (1978) - The geochemistry and petrology of Karroo basalts of the Barkly East area, North-eastern Cape.
M.Sc. - Rhodes

- PETZEL, V. (1986) - Vein and replacement type Sn and Sn-W mineralization in the Southern Kaoka zone, Damara Province, S.W.A./Namibia.
M.Sc. - Rhodes
- PHILLIPS, A.H. (1983)- The geology of the Leeupoort tin deposit and selected aspects of its environs.
M.Sc. - Witwatersrand
- PHILLIPS, D. (1984) - Mineralogy and petrology of the townlands iron-rich ultramafic pegmatite.
M.Sc. - Rhodes
- PIENAAR, J.C. (1985) - Die geologie van die Alldays-omgewing in Noord-Transvaal.
M.Sc. - R.A.U.
- POLOME, L.G.B.T.(1978)- Geophysical methods of prospecting for chromite ore.
M.Sc. - Rhod. (Zimbabwe)
- POTGIETER, C. de W. - Die geologie van 'n gebied suid van Douglas, Noord-Kaapland.
M.Sc. - O.F.S.
- POTGIETER, G.A. (1979)- 'n Mineralogiese ondersoek van die goudafsetting in die omgewing van die Fumanigoudmyn, Gazankulu, Noordoos-Transvaal.
M.Sc. - R.A.U.
- POTGIETER, G.J.A. - The geology of an area south of Kimberley.
M.Sc. - O.F.S.
- POTGIETER, G.J.A. - Die litostratigrafie en strukturele aspekte van die suidwestelike rand van die Kaapvaal-Kraton, wes van Prieska, Noord-Kaapland.
Ph.D. - O.F.S.
- POTGIETER, G.J. (1983)- Die aanvanklike rotsbeweging van seismiese gebeurtenisse in die Klerksdorpgoudveld.
M.Sc. - R.A.U.
- PRAEKELT, H.E. (1984)- Die geologie van die gebied rondom Augrabies.
M.Sc. - O.F.S.
- PRETORIUS, A.I.(1983)- Kontroles van goudmineralisasie in gebande ysterformasie in die omgewing van Fumanigoudmyn in die Sutherland-Groensteengordel, Noordoos-Transvaal.
M.Sc. - R.A.U.
- PRETORIUS, J.J.(1986)- 'n Stratigrafiese en petrochemiese ondersoek van die Jannelsepangroep-gesteentes in die Boksputsomgewing, met verwysing na kontroles vir sulfied-mineralisasie.
M.Sc. - O.F.S.

- PRETORIUS, L.E.(1977)- Aspects of uranium mineralization in the Beaufort West Karoo.
M.Sc. - Stellenbosch
- PRICE, G.V. (1981) - Methods of engineering geological mapping and their application on a regional scale in South Africa.
M.Sc. - Pretoria
- PRINGLE, I.C. (1975) - The fluorite deposits on Zwartkloof 707KR, west of Warmbaths, Transvaal.
M.Sc. - Pretoria
- PRINS, P. (1978) - The geochemical evolution of the alkaline and carbonatite complexes of the Damaraland Igneous Province, S.W.A.
Ph.D. - Stellenbosch
- PRINSLOO, M.C. (1978)- Die geologie van 'n gebied in die omgewing van Giyani, Noordoos-Transvaal met verwysing na moontlike ekonomiese mineraalafsettings.
M.Sc. - R.A.U.
- PUIG, R. (1986) - Moybdenum mineralization with emphasis on porphyry systems: genesis and exploration.
M.Sc. - Rhodes
- PURVIS, W.D. (1976) - A detailed investigation into the genesis of granite-derived soils.
D.Phil. - Rhod.(Zimbabwe)
- RANGANAI, R. (1985) - A gravity study of the Belingwe Greenstone Belt.
M.Sc. - Zimbabwe
- RASMUSSEN, S.E.(1973)- Neutron activation analysis of samples from the Kimberley Reef conglomerate.
M.Sc. - Witwatersrand
- REDDERING, J.S.V. - The sedimentology of the Keurbooms Estuary.
(1981) M.Sc. - Port Elizabeth
- REICHARD-BARENDSEN, E.O.- Geological and economic factors affecting ore reserve estimation and grade control in porphyry type deposits.
M.Sc. - Rhodes
- REID, D.L. (1977) - Geochemistry of Precambrian igneous rocks in the lower Orange River region.
Ph.D. - Cape Town
- RETIEF, J.A. (1979) - A study of the peizo-electric behaviour of quartz and quartzites.
M.Sc. - R.A.U.
- REVALLIER, L. (1986) - The seismic refraction method and induced polarisation tests as a means for determining hydrological properties in a basement area.
M.Sc. - Zimbabwe

- REYNOLDS, A.J. (1980)- Geochemical and mineralogical aspects of the Molteno Formation, South Africa.
M.Sc. - Rhodes
- REYNOLDS, I.M. (1979)- A mineralogical investigation of co-existing iron-titanium oxides.
Ph.D. - Rhodes
- RITTER, U. (1979) - The Precambrian evolution of the Eastern Richtersveld.
Ph.D. - Cape Town
- ROBB, L.J. (1977) - The geology and geochemistry of the Archaean granite-greenstone terrane between Nelspruit and Bushbuckridge, Eastern Transvaal.
M.Sc. - Witwatersrand
- ROBB, L.J. (1981) - The geological and geochemical evolution of tonalite-trondhjemite gneisses and migmatites in the Barberton region, Eastern Transvaal.
Ph.D. - Witwatersrand
- ROBERTS, J.R. de R. (1985) - The effect of dolerite dykes on coal seams on the Klip River Coalfield, North Natal.
M.Sc. - Natal (Durban)
- ROBERTS, N.J. (1971) - The geology of an area to the northeast of Inanda, Natal.
M.Sc. - Natal (Durban)
- ROBERTSON, I.D.M. (1973) - Metamorphism and intrusion in part of the southern edge of the Rhodesia Craton and the north margin of the Limpopo Mobile Belt.
Ph.D. - London (Zimbabwe)
- ROBEY, J.V.A. (1976) - Aspects of the geochemistry of the Karoo dolerites and basalts of the North-eastern Cape.
M.Sc. - Rhodes
- ROBEY, J.V.A. (1981) - Kimberlites of Central Karoo Province, R.S.A.
Ph.D. - Cape Town
- ROBINSON, D.N. (1979)- Surface textures and other features of diamonds.
Ph.D. - Cape Town
- ROGERS, J. (1971) - Sedimentology of Quaternary deposits on the Agulhas Bank.
M.Sc. - Cape Town
- ROGERS, J. (1977) - Sedimentation on the continental margin off the Orange River and the Namib Desert.
Ph.D. - Cape Town
- ROLLE, R. (1979) - Gamma ray fluorescence for in-situ evaluation of ore in Witwatersrand gold mines.
Ph.D. - Witwatersrand

- RORKE, A.J. (1985) - A seismically oriented study of mining induced fracturing around a deep level gold mine stope.
M.Sc. - R.A.U.
- ROSSITER, R.D. (1983) - Epithermal gold deposits: their geology and genesis.
M.Sc. - Rhodes
- ROUX, P. (1984) - Geotekniese ondersoek vir dorpsontwikkeling in dolomietgebiede.
D.Sc. - Pretoria
- ROZENDAAL, A. (1975) - The geology of Gamsberg, Namaqualand.
M.Sc. - Stellenbosch
- ROZENDAAL, A. (1983) - The petrology of the Gamsberg zinc deposit and the Bushmanland iron formations with special reference to their relationships and genesis.
Ph.D. - Stellenbosch
- RUMBLE, K.C. (1979) - Geochemistry and petrology of the Karoo andesites and associated basalts of the North-eastern Cape Province.
M.Sc. - Rhodes
- RUSSEL, Julia Anne (1985) - A mineralogical investigation of the gold ore of the Klipwal Mine near Piet Retief.
M.Sc. - R.A.U.
- SANDERSON, C.G. (1983) - Geology of the central and southern domains of the Koras Group.
M.Sc. - Rhodes
- SAWYER, E.W. (1978) - Damaran structural and metamorphic geology of an area southeast of Walvis Bay, S.W. Africa/Namibia.
M.Sc. - Cape Town
- SCHEEPERS, R. (1982) - Die uraan, thorium en molibdeen - verspreiding in geselekteerde leukograniete van die Kaap-graniet-suite.
M.Sc. - Stellenbosch
- SCHLEGEL, G.C.J. (1986) - The metamorphic and structural evolution of the Kheis tectonic province.
M.Sc. - Cape Town
- SCHLÖGL, H.U. (1984) - The geology of the Krantzberg tungsten deposits, Omaruru, South West Africa.
M.Sc. - Stellenbosch
- SCHOCH, A.E. (1972) - The Darling granite batholith.
D.Sc. - Stellenbosch
- SCHOUWSTRA, R.P. (1985) - Kontroles van goudmineralisasie by die Sheba-Goudmyn, Barbertondistrik.
M.Sc. - R.A.U.

- SCHREUDER, C.J.P. (1975)- Carbonate-bearing eruptives between the Great Karas Mountains and the Bremen Igneous Complex, S.W.A.
M.Sc. - Stellenbosch
- SCHULZE-HULBE, A. (1977)- A study of the structure and metamorphism of the rocks of the Tugela Group exposed in the Mambula Mbongolwane area, Natal.
M.Sc. - Natal (Durban)
- SCHUMANN, F.W. (1974) - A comparative study of the geohydrology of Archaean formations and associated rocks in the North-western Transvaal and the North-western Cape Province.
Ph.D. - Cape Town
- SCOGINGS, A.J. (1985) - The geology of the Ngoye Granite-Gneiss Formation.
M.Sc. - Durban-Westville
- SCOON, R.N. (1985) - Discordant bodies of postcumulus ultramafic rock in the Upper Critical Zone of the Bushveld Complex: iron-rich ultramafic pegmatite bodies at Amandelbult and the Driekop platiniferous ultramafic pipe.
Ph.D. - Rhodes
- SHACKLETON, L.Y. (1986) - An assessment of the reliability of fossil pilchard and anchovy scales as fish population indicators off Namibia.
M.Sc. - Cape Town
- SHEE, S.R. (1978) - The Orapa kimberlite cluster.
M.Sc. - Cape Town
- SHEE, S.R. (1986) - The petrogenesis of the Wesselton Mine kimberlites, Kimberley, Cape Province.
Ph.D. - Cape Town
- SHEERAN, D.A. (1983) - The geology and mineralization of acid pegmatites.
M.Sc. - Rhodes
- SHONE, R.W. (1976) - The sedimentology of the Mesozoic Algoa Basin.
M.Sc. - Port Elizabeth
- SHONE, R.W. (1984) - The sedimentology of the Sardinia Bay Formation.
Ph.D. - Port Elizabeth
- SIEGFRIED, P. (1977) - Die Vredenburg-adamelliet.
M.Sc. - Stellenbosch
- SIMMONDS, A.L.E. (1984) - The sedimentology of the Teekloof Formation east of Aberdeen (C.P.).
M.Sc. - Port Elizabeth

- SIMPSON, A.B. (1982) - Aspects of the composition and origin of achondrites and mesosiderites.
Ph.D. - Cape Town
- SIMPSON, Carol (1977) - A structural analysis of the rim synclinorium of the Vredefort Dome.
M.Sc. - Witwatersrand
- SLABBERT, M.J. (1985) - Die geologie in die omgewing van die Melkboomkoepel suid van Keimoes.
M.Sc. - O.F.S.
- SMALLEY, T.J. (1980) - Structure and metamorphism of the Tugela Group within the northern zone of the Natal Mobile Belt.
Ph.D. - Natal (Durban)
- SMIT, C.A. (1973) - Die geologie van 'n gebied rondom Koopmansfontein Noord-Kaapland, met spesiale verwysing na die Serieë Swartrif en dolomiet.
M.Sc. - O.F.S.
- SMIT, C.A. (1978) - Die geologie rondom Groblershoop met spesiale verwysing na die verband tussen die Namakwalandse Mobiele Gordel en die Kheis-Matsap-gesteentes.
Ph.D. - O.F.S.
- SMIT, P.J. (1978) - Die geohidrologie in die opvanggebied van die Molopo rivier in die Noordelike Kalahari.
Ph.D. - O.F.S.
- SMITH, A.M. (1980) - Lacustrine stromatolites of the Etosha Pan, S.W.A. (Namibia).
M.Sc. - Natal (Durban)
- SMITH, C.B. (1983) - Rubidium-strontium, uranium-lead and samarium-neodymium isotopic studies of kimberlite and selected mantle-derived xenoliths.
Ph.D. - Witwatersrand
- SMITH, H.S. (1980) - Aspects of the geochemistry of Onverwacht Group lavas from the Barberton Greenstone Belt.
Ph.D. - Cape Town
- SMITS, G. (1979) - A mineralogical investigation of the Rooibokkop-Boschhoek hydrothermal copper deposit, northeast of Marble Hall, Transvaal.
M.Sc. - Pretoria
- SMUTS, J. (1983) - The geology, mineralogy and chemistry of the Grahamstown clay deposits.
M.Sc. - Rhodes
- SMYTH, C.P. (1982) - Investigations into improving the X-ray fluorescence determination of manganese levels in powder bricketts of manganese ore.
M.Sc. - Cape Town

- SNOWDEN, D.V. (1981)** - The mineralogy and petrology of two kimberlites at Dutoitspan Mine, Kimberley.
M.Sc. - Rhodes
- SNOWDEN, P.A. (1976)** - The geology of the granitic terrain north and east of Salisbury with particular reference to the Chinamora batholith.
D. Phil. - Rhod. (Zimbabwe)
- SPOTTISWOODE, S.M. (1980)** - Source mechanism studies on Witwatersrand seismic events.
Ph.D. - Witwatersrand
- STAVRAKIS, N. (1979)** - Sedimentology of the Katberg Sandstone in the Eastern Cape Province.
M.Sc. - Rhodes
- STEAR, W.M. (1976)** - The geology and ore controls of the Northern Rooiberg tin-field, Transvaal.
M.Sc. - Stellenbosch
- STEAR, W.M. (1980)** - The sedimentary environment of the Beaufort Group uranium province in the vicinity of Beaufort West, South Africa.
Ph.D. - Port Elizabeth
- STEDMAN, D.P. (1981)** - The structural geology and metamorphic petrology of Black Mountain, Namaqualand.
M.Sc. - Witwatersrand
- STEPTO, D. (1979)** - A geological and geophysical study of the central portion of the Vredefort Dome Structure.
Ph.D. - Witwatersrand
- STETTLER, E.H. (1979)** - A geological and geophysical investigation of the diamond runs on Ruitelaagte and vicinity in the Bakerville area, Lichtenburg District.
M.Sc. - Pretoria
- STEWART, A.G. (1973)** - Petrology and petrography of samples from two Algoa Basin cones.
M.Sc. - Cape Town
- STEYN, M.v.R. (1974)** - Die stratigrafie, die struktuur en die mineralisasie van die Fairview-myngebied, Distrik Barberton.
D.Sc. - Pretoria
- STEYN, P.P.A. (1977)** - Die sedimentologie van die Davelsteenkolveld in die Oos-Transvaal met spesiale verwysing na die Vryheid Formasie van die Karoo Supergroep.
M.Sc. - R.A.U.
- STOCKLMAYER, V. (1978)** - The geology of the area around Inyangana with special reference to the Umkondo Group.
D. Phil. - London (Zimbabwe)

- SCHWARTZ, S.W. (1986) - An evaluation of geochemical parameters for tin exploration in soil-covered areas in the Central Bushveld Complex.
M.Sc. - O.F.S.
- STRYDOM, D. (1979) - The geology of an area north of Carnarvon with special reference to the Precambrian rocks.
M.Sc. - O.F.S.
- STRYDOM, D. (1985) - 'n Struktureel-stratigrafiese studie van die metasedimente en ander metamorfiete van die Noordwestelike Boesmanland.
Ph.D. - O.F.S.
- STRYDOM, J.H. (1983) - Geochemiese en mineralogiese verspreidingspatrone in die wandgesteentes van tindraende ertsliggame in die Zaaiplaatsmyn, Potgietersrus-distrik.
M.Sc. - Pretoria
- STUART-WILLIAMS, V.L.Q. (1981) - The geometry of some Beaufort Group sandstones and its relationship to uranium mineralization.
M.Sc. - Cape Town
- SWART, R. (1982) - The stratigraphy and structure of the Kommadagga Subgroup and contiguous rocks.
M.Sc. - Rhodes
- SWINDELL, E.P.W. (1983) - The tectonic setting of mineralised environments in Southern Africa.
M.Sc. - Rhodes
- TANKARD, A.J. (1975) - Late Cenozoic history and palaeoenvironments of the coastal margin of the S.W. Cape Province, South Africa.
Ph.D. - Rhodes
- TAYLOR, N.C. (1975) - The Aapiesboomen magnesite deposit, Burgersfort, Transvaal.
M.Sc. - Rhodes
- TERBLANCHE, J.C. (1979) - Die geologie van 'n gebied oos van Carnarvon.
M.Sc. - O.F.S.
- THEART, H.F.J. (1980) - The geology of the Precambrian terrane in parts of western Namaqualand.
M.Sc. - Cape Town
- THEART, H.F.J. (1985) - Copperton-Areachap Cu-Zn mineralization.
Ph.D. - Stellenbosch
- THONON, J.C. (1985) - The distribution of uranium and thorium in the Contreberg pluton, Darling.
M.Sc. - O.F.S.
- THONON, J.N. (1972) - The stratigraphy and sedimentation of the Bokkeveld Group.
D. Sc. - Stellenbosch

- THOMAS, M.A. (1982) - The geology of the Kalahari in the Northern Cape Province (areas 2620 and 2720).
M.Sc. - O.F.S.
- TOOGOOD, D. (1976) - Structural and metamorphic evolution of a gneiss terrain in the Namaqua Belt near Onseepkans, South West Africa.
Ph.D. - Cape Town
- TORDIFFE, E.A.W. (1979)- Aspects of the hydrogeochemistry of the Karoo Sequence in the Great Fish River Basin, Eastern Cape Province, with special reference to the groundwater quality.
Ph.D. - O.F.S.
- TREDOUX, G. (1982) - 'n Geohidrochemiese ondersoek van die Artesiese Kom Stampriet, Suidwes-Afrika.
Ph.D. - O.F.S.
- TUCKER, R.F. (1980) - The sedimentology and mineralogy of the Composite Reef on Cooke Section, Randfontein Estates Gold Mine, Witwatersrand, South Africa.
M.Sc. - Witwatersrand
- TURNER, B.R. (1976) - The stratigraphy and sedimentary history of the Molteno Formation in the main Karroo Basin of South Africa and Lesotho.
Ph.D. - Witwatersrand
- TURNER, J.R. (1977) - Palaeoenvironmental study of the lower Beaufort in the northeast Karoo Basin.
M.Sc. - Natal (Pmb)
- TWEEDIE, E.B. (1981) - The geology of the Evander Basin, Southeastern Transvaal, Republic of South Africa.
M.Sc. - Witwatersrand
- TYLER, N. (1978) - A stratigraphic analysis of the pre-Chunies-poort-group strata around the Makoppa Dome, West-Central Transvaal.
M.Sc. - Witwatersrand
- VAJNER, V.J. (1974) - The tectonic development of the Namaqua Mobile Belt and its foreland in parts of the Northern Cape.
Ph.D. - Cape Town
- VAN ASWEGEN, G. (1975) - The geology of the Namaqualand Metamorphic Complex and younger formations northwest of Loeriesfontein.
M.Sc. - O.F.S.
- VAN BERKEL, F. (1983) - Geochemical exploration in arid and semi-arid environments.
M.Sc. - Rhodes

- VAN BEVER DONKER, J.** - Structural and metamorphic evolution of an area around Kakamas and Keimoes, Cape Province, South Africa.
Ph.D. - Cape Town
- VAN DAM, C.L. (1979)** - A qualitative geophysical study of the Ripple Creek Gossan iron ore.
M.Sc. - Rhod. (Zimbabwe)
- VAN DEN BERG, H.J. (1980)** - Die sedimentologie van die Soutpansberg-steenkoolveld met spesiale verwysing na steenkoolvorming.
M.Sc. - O.F.S.
- VAN DER HEEVER, P. (1983)** - The influence of geological structure on seismicity and rockbursts in the Klerksdorp Goldfield.
M.Sc. - R.A.U.
- VAN DER HEYDE, H.A. (1986)** - A geochemical study of some volcanic and related rocks from the Barberton Greenstone Belt.
M.Sc. - Cape Town
- VAN DER LINDE, P.J. (1980)** - Die effek van strook-afbou-mynbou-aktiwiteite op die geohidrologiese sisteem in die Sigma-steenkoolveld, Sasolburg.
M.Sc. - O.F.S.
- VAN DER MERWE, A.J. (1984)** - Explorasie, ontginding en evaluering van grondwater van die sandafsettings in die Atlantisgebied vir watervoorsiening aan die Atlantisgroeipunt.
M.Sc. - O.F.S.
- VAN DER MERWE, J. (1973)** - Die geologie van 'n gebied om Campbell, Noord-Kaapland, met spesiale verwysing na die Serieë Swartrif en Dolomiet.
M.Sc. - O.F.S.
- VAN DER MERWE, J. (1983)** - Geohidrologiese aspekte van die karbonaatryke gesteentes in Noord-Kaapland met 'n kritiese beskouing van wiskundige evalueringstegnieke.
Ph.D. - O.F.S.
- VAN DER MERWE, M.J. (1978)** - The geology of the basic and ultramafic rocks of the Potgietersrus limb of the Bushveld Complex.
Ph.D. - Witwatersrand
- VAN DER MERWE, R. (1986)** - Die Potchefstroomverskuiwing.
M.Sc. - R.A.U.
- VAN DER MERWE, S.W. (1986)** - The structural development of part of the Namaqua Mobile Belt in an area between Springbok and Vioolsdrif.
Ph.D. - O.F.S.

- VAN DER WALT, W. - Die geologie van 'n gebied in die omgewing van Villa Nora, Noord-Transvaal.
(1980) M.Sc. - R.A.U.
- VAN DER WESTHUIZEN, C.- Geohydrological aspects of the Vryburg Compartiment, Northern Cape Province.
(1982) M.Sc. - O.F.S.
- VAN DER WESTHUIZEN, W.A.-Die geologie van die gebied Poortjie 3022D in die Distrikte Britstown, Carnavon, Prieska en Victoria-Wes, Noord-Kaapland.
(1977) M.Sc. - O.F.S.
- VAN DER WESTHUIZEN, W.A.-The nature, genesis and geochemistry of the supergene vanadium ores of the Otavi Mountain Land.
(1984) Ph.D. - O.F.S.
- VAN DEVENTER, J. (1985)- Die ontwikkeling van 'n eksplorasiemodel vir ystererts in die Penge-Formasie by Thabazimbi.
M.Sc. - Pretoria
- VAN NIEKERK, C.D. (1978)-Die geologie noordoos van Graaff-Reinet.
M.Sc. - O.F.S.
- VAN OORSCHOT, B.P.J. - A spinner magnetometer.
(1975) D.Phil.- Rhod. (Zimbabwe)
- VAN REENEN, D.D. (1979)- Metamorfe studies van granoliete en verwante hoë-graadse gesteentes in die suidelike grenssone van die Limpopo Metamorfekompleks in Suid-Afrika.
M.Sc. - R.A.U.
- VAN ROOY, J.L. (1984) - Sonering van 'n dolomietgebied suid van Pretoria met behulp van 'n meervoudige-faktorklassifikasiestelsel.
M.Sc. - Pretoria
- VAN ROOYEN, L. (1978) - Die geologie en geohidrologie van 'n gebied noord van Reivilo, Kaapprovincie.
M.Sc. - O.F.S.
- VAN SCHALKWYK, A. (1980)- Die invloed van geologie op die ontwerp en konstruksie van groter damme in Suid-Afrika.
D. Sc. - Pretoria
- VAN SCHALKWYK, J.F. - Die geologie van die Sishen-ystermyn.
(1985) M.Sc. - R.A.U.
- VAN TONDER, G.J. (1983)- Die toepassing van kriging in geohidrologie.
Ph.D. - O.F.S.
- VAN VUUREN, C.J. (1984)- A basin analysis of the northern facies of the Ecca Group.
Ph.D. - O.F.S.

- VAN WYK, J.P. (1981) - Die geologie van die gebied Rooinekke-Matsap-Wolhaarkop in Noord-Kaapland met spesiale verwysing na die Koegas-Subgroep, Transvaal Supergroep.
M.Sc. - R.A.U.
- VAN ZYL, C.Z. (1980) - Structural and metamorphic evolution in the transitional zone between craton and mobile belt, Upington geotraverse.
Ph.D. - Cape Town
- VAN ZYL, V.C. (1986) - Metamorphic studies in the Proterozoic rocks of parts of Northern Bushmanland.
M.Sc. - O.F.S.
- VELDSMAN, J.H. (1977) - Die geologie van 'n gedeelte van die Tsumeb-sinklinorium met spesiale verwysing na lithostratigrafie, struktuur en diagenese.
M.Sc. - Stellenbosch
- VENTER, D.M. (1981) - Geological factors that influence the evaluation and exploitation of Canadian copper-zinc massive sulphide, and Japanese polymetallic (Kuroko) deposits.
M.Sc. - Rhodes
- VENTER, J.P. (1980) - The engineering properties and road building characteristics of mudrocks with special reference to Southern Africa.
D.Sc. - Pretoria
- VENTER, L.C. (1985) - Geometriese en vervormingsanalises op enkele steilstrukture van die Okiep-Koperdistrik.
M.Sc. - O.F.S.
- VERMAAK, J.J. (1985) - Aspects of the secondary dispersion of ore-related elements in calcrete environments of the Northern Cape Province.
M.Sc. - O.F.S.
- VILJOEN, E.A. (1982) - The kimberlite occurrences from the vicinity of Rayton south of Premier Mine, and from East Lynne, east of Pretoria.
M.Sc. - Pretoria
- VON GRUENEWALDT, G. (1971) - A petrographical and mineralogical investigation of the Bushveld Igneous Complex in the Tautes-hoogte-Roossenekal area of the Eastern Transvaal.
D.Sc. - Pretoria
- VON VEH, M.W. (1983) - Aspects of sedimentation, structure and tectonic evolution in the Tygerberg terrane, Southwestern Cape Province.
M.Sc. - Cape Town
- VORSTER, C.J. (1980) - Die geologie van die Klein-Letabagebied Noordoos-Transvaal, met spesiale verwysing na die granitiese gesteentes.
M.Sc. - R.A.U.

- WAGENER, G.F. (1972)** - Sedimentary tectonics of the East Rand Basin with special reference to the Brakpan Formation.
M.Sc. - Stellenbosch
- WAGENER, J.H.F. (1985)** - Geology of the Prieska copper-zinc deposit, Northwestern Cape.
M.Sc. - Natal (Durban)
- WAGHORN, J.G. (1974)** - The geology of Rondonia, Western Brazil, with special reference to the tin-bearing granite complexes and placer deposits.
Ph.D. - London (Zimbabwe)
- WALRAVEN, F. (1977)** - The transition between the mafic and acid phases of the Bushveld Complex in the Rustenburg-Brits area.
M.Sc. - Pretoria
- WALRAVEN, F. (1982)** - Textural, geochemical and genetic aspects of the granophyric rocks of the Bushveld Complex.
Ph.D. - Witwatersrand
- WATCHORN, M.B. (1978)** - Sedimentology of the Mozaan Group in the Southeastern Transvaal and Northern Natal.
M.Sc. - Natal (Durban)
- WATCHORN, M.B. (1981)** - The stratigraphy and sedimentology of the West Rand Basin in the Western Transvaal.
Ph.D. - Witwatersrand
- WATKEYS, M.K. (1985)** - The Precambrian geology of the Limpopo Belt west and north of Messina.
Ph.D. - Witwatersrand
- WATSON, M.D. (1980)** - The geology, mineralogy and origin of the zinc-lead-copper deposit at Rosh Pinah, South West Africa.
D.Sc. - Pretoria
- WATTERS, B.R. (1974)** - Stratigraphy, igneous petrology and evolution of the Sinclair Group in southern South West Africa.
Ph.D. - Cape Town
- WATTERSON, J.I.W. (1975)** - Instrumental neutron activation analysis and the classification of granites from the Bushveld Igneous Complex.
Ph.D. - Witwatersrand
- WEGERHOFF, N.A. (1981)** - Engineering geology and related geologic structural analysis for open pit design at Palabora Mine.
M.Sc. - Witwatersrand

- WELSH, R.H. (1970)** - The nature and origin of the banded ironstone and some crocidolite deposits of the Pretoria Series in the Kuruman District, Northern Cape Province.
M.Sc. - R.A.U.
- WESTALL, F. (1984)** - Current-controlled sedimentation in the Agulhas Passage, SW Indian Ocean.
Ph.D. - Cape Town
- WHATELEY, M.K.G. (1980)** - Structural controls of sedimentation in the Ecca Group in Northern Zululand.
M.Sc. - Witwatersrand
- WHITFIELD, C.G. (1971)** - A petrological and mineralogical study of peridotite and eclogite xenoliths from certain kimberlite pipes.
M.Sc. - Pretoria
- WICKENS, H.de V. (1984)** - Die stratigrafie en sedimentologie van die Groep Ecca wes van Sutherland.
M.Sc. - Port Elizabeth
- WILKENS, C.B. (1985)** - The geology of post-Chuniespoort deposits in the Verwoerdburg area south of Pretoria with specific reference to engineering properties of the red soils.
M.Sc. - Pretoria
- WILLIAMS-JONES, I.E. (1984)** - The petrology of the basalts of the Dordabis Formation in the vicinity of Dordabis in Central SWA/Namibia.
M.Sc. - Rhodes
- WILLIS, J.P. (1979)** - Some aspects of the geochemistry of gallium.
Ph.D. - Cape Town
- WILSON, A.H. (1977)** - The petrology and structure of the Hartley Complex of the Great "Dyke", Rhodesia.
D. Phil. - Rhod. (Zimbabwe)
- WILSON, J.G. (1977)** - A photogeological investigation of the major controls of fluorspar, lead and zinc ores in the Zeerust area, Western Transvaal.
M.Sc. - Pretoria
- WINTER, M.F. (1986)** - Lower Permian palaeoenvironments of the northern Highveld Coalfield and their relationships to the characteristics of coal seams.
Ph.D. - Witwatersrand
- WOLMARANS, J.F. (1984)** - Ontwatering van die dolomietgebied aan die Verre Wes-Rand: gebeure in perspektief.
D.Sc. - Pretoria
- WUTH, M.G. (1980)** - The geology and mineralization potential of the Oorschot-Weltevreden Schist Belt southwest of Barberton, Eastern Transvaal.
M.Sc. - Witwatersrand

- WYATT, B.A. (1976)** - The geology and geochemistry of the Klipriviersberg volcanics, Ventersdorp Supergroup, south of Johannesburg.
M.Sc. - Witwatersrand
- ZELT, G.A.D. (1980)** - A geotraverse across Namaqualand, South Africa: the petrology, geochemistry and structural relations of a Proterozoic, high-grade metamorphic terrain.
Ph.D. - Natal (Pmb)
- ZHOU, P.P. (1982)** - Gravity, magnetic and radiometric mapping of the country around Salisbury.
M.Sc. - Zimbabwe

THESES ARRANGED ALPHABETICALLY ACCORDING TO UNIVERSITY

UNIVERSITY OF CAPE TOWN

- 1971 M.Sc. - R.J. Parker
 The petrography and major element geochemistry of the phosphate nodule deposits on the Agulhas Bank, South Africa.
- M.Sc. - J. Rogers
 Sedimentology of Quaternary deposits on the Agulhas Bank.
- 1972 Ph.D. - G.J.B. Germs
 The stratigraphy and palaeontology of the Lower Nama Group, South West Africa.
- Ph.D. - E.J.D. Kable
 Some aspects of the geochemistry of selected elements in basalts and associated lavas.
- Ph.D. - R. McG. Miller
 The geology of a portion of southern Damaraland, South West Africa, with particular reference to the petrogenesis of the Salem granite.
- 1973 Ph.D. - J.S. Marsh
 Alkaline igneous rocks of the coastal belt south of Luderitz, South West Africa: a petrological study.
- M.Sc. - A.G. Stewart
 Petrology and petrography of samples from two Algoa Basin cones.
- 1974 Ph.D. - R.E. Jacob
 Geology and metamorphic petrology of part of the Damara Orogen along the lower Swakop River, South West Africa.
- Ph.D. - F.W. Schumann
 A comparative study of the geohydrology of Archaean formations and associated rocks in the North-western Transvaal and the North-western Cape Province.
- Ph.D. - V.J. Vajner
 The tectonic development of the Namaqua Mobile Belt and its foreland in parts of the Northern Cape.
- Ph.D. - B.R. Watters
 Stratigraphy, igneous petrology and evolution of the Sinclair Group in southern South West Africa.
- M.Sc. - A.M. Barnaby
 The structure of the eastern Walvis Ridge and the adjacent continental margin.

- 1974 M.Sc. - **P.J. Lawless**
 Some aspects of the geochemistry of kimberlite
 xenocrysts.
- 1975 Ph.D. - **G.F. Birch**
 Sediments on the continental margin off the west
 coast of South Africa.
- Ph.D. - **A.R. Newton**
 Structural applications of remote sensing in the
 Cape Province and a new model for the evolution of
 the Cape Fold Belt.
- 1976 Ph.D. - **S.R. du Toit**
 Mesozoic geology of the Agulhas Bank, South Africa.
- Ph.D. - **C.E. Feather**
 Mineralogy of the gold bearing reefs of the Wit-
 watersrand.
- Ph.D. - **M.P.A. Jackson**
 High-grade metamorphism and migmatization of the
 Namaqua Metamorphic Complex around Aus in the
 southern Namib Desert, South West Africa.
- Ph.D. - **D. Toogood**
 Structural and metamorphic evolution of a gneiss
 terrain in the Namaqua Belt near Onseepkans, South
 West Africa.
- 1977 Ph.D. - **H.J. Blignault**
 Structural metamorphic imprint on part of the
 Namaqua Mobile Belt in South West Africa.
- Ph.D. - **B. Flemming**
 Depositional processes in Saldanha Bay and Langebaan
 Lagoon.
- Ph.D. - **D.L. Reid**
 Geochemistry of Precambrian igneous rocks in the
 lower Orange River region.
- Ph.D. - **J. Rogers**
 Sedimentation on the continental margin off the
 Orange River and the Namib Desert.
- M.Sc. - **J.L. Blaine**
 Tectonic evolution of the Waldau Ridge structure and
 the Okahandja lineament of the Central Damara
 Orogen, west of Okahandja.
- M.Sc. - **W.R.O. Jakob**
 Geochemical aspects of the megacryst suite from the
 Monastery kimberlite pipe.
- M.Sc. - **B.C. Klopper**
 Some absorption/contamination phenomena observed in
 dilute trace element solutions stowed in high-
 density polyethylene containers.

- 1977 M.Sc. - **J.M. Moore**
(contd) The geology of Namiesberg, Northern Cape.
- 1978 Ph.D. - **J.M. Bremner**
Sediments on the continental margin of South West Africa between latitudes 17° and 25°S.
- Ph.D. - **C.J.H. Hartnady**
Structural geology of the Naukluft Nappe Complex and its relationship to the Damaran Orogenic Belt.
- Ph.D. - **C.J. Hatton**
Geochemistry and origin of Roberts Victor eclogites.
- Ph.D. - **P.J. Lawless**
The Bultfontein kimberlite xenoliths.
- M.Sc. - **S.J. Barnes**
Serpentinites in central South West Africa/Namibia: a reconnaissance study.
- M.Sc. - **E.G. Brunke**
Hydrogeochemical orientation surveys at two uranium deposits in the Beaufort West area.
- M.Sc. - **M.A. de la Cruz**
Marine geophysical and geological investigations in Saldanha Bay.
- M.Sc. - **E.W. Sawyer**
Damaran structural and metamorphic geology of an area southeast of Walvis Bay, S.W. Africa/Namibia.
- M.Sc. - **S.R. Shee**
The Orapa kimberlite cluster.
- 1979 Ph.D. - **K.G. Kartun**
The geology of the Tantalite Valley mafic-ultramafic complex and the Kumkum metamorphic-igneous massif near Warmbad, S.W.A./Namibia.
- Ph.D. - **A.E. Moore**
The geochemistry of the olivine melilites and related volcanics of Namaqualand/Bushmanland.
- Ph.D. - **U. Ritter**
The Precambrian evolution of the eastern Richtersveld.
- Ph.D. - **D.N. Robinson**
Surface textures and other features of diamonds.
- Ph.D. - **J.P. Willis**
Some aspects of the geochemistry of gallium.
- M.Sc. - **J.T. Cooper**
The application of thermal infrared linescan imagery to engineering investigations of dolomite in South Africa.

- 1980 D.Sc. - **L.R.P. Butler**
 A contribution to analytical atomic spectroscopy.
- Ph.D. - **J.W. Bristow**
 The geochronology and geochemistry of Karoo
 volcanics in the Lebombo and adjacent areas.
- Ph.D. - **A.P. le Roux**
 Geochemistry and mineralogy of selected Atlantic
 Ocean basalts.
- Ph.D. - **J.W. Marchant**
 Hydrogeochemical exploration at Tsumeb.
- Ph.D. - **H.S. Smith**
 Aspects of the geochemistry of Onverwacht Group
 lavas from the Barberton Greenstone Belt.
- Ph.D. - **J. van Bever Donker**
 Structural and metamorphic evolution of an area
 around Kakamas and Keimoes, Cape Province, South
 Africa.
- Ph.D. - **C.Z. van Zyl**
 Structural and metamorphic evolution in the
 transitional zone between craton and mobile belt,
 Upington geotraverse.
- M.Sc. - **P. Camden-Smith**
 The sedimentology, geochemistry and diagenesis of
 West Rand Group sediments in the Heidelberg area,
 Transvaal.
- M.Sc. - **P. Cardoso**
 A study of mantle inclusions in the Koffiefontein
 kimberlite pipe, South Africa.
- M.Sc. - **A.M. Jack**
 The geology of western Namaqualand.
- M.Sc. - **H.F.J. Theart**
 The geology of the Precambrian terrane in parts of
 western Namaqualand.
- 1981 Ph.D. - **K.W. Kasch**
 The structural geology, metamorphic petrology and
 tectonothermal evolution of the southern Damara Belt
 around Omitara, SWA/Namibia.
- Ph.D. - **J.V.A. Robey**
 Kimberlites of Central Karoo Province, R.S.A.
- Ph.D. - **A.B. Simpson**
 Aspects of the composition and origin of achondrites
 and mesosiderites.
- M.Sc. - **F.C. Baumgartner**
 The use of artificial atmospheres in DC arc
 emission spectroscopy.

- 1981 (contd) M.Sc. - **O.G. Garvie**
The surface textures on pyrope, picroilmenite and chrome diopside from kimberlite.
- M.Sc. - **R.K. Gorton**
The petrology of the Kielder sulphide bodies and their wall rocks: district of Prieska, Northern Cape, South Africa.
- M.Sc. - **R.A. Martin**
Benthic foraminifera from the Orange-Luderitz Shelf, Southern African continental margin.
- M.Sc. - **V.L.Q. Stuart-Williams**
The geometry of some Beaufort Group sandstones and its relationship to uranium mineralisation.
- 1982 M.Sc. - **C.P. Smyth,**
Investigations into improving the X-ray fluorescence determination of manganese levels in power bricketts of manganese ore.
- 1983 Ph.D. - **C.R. Clement**
A comparative geological study of some major kimberlite pipes in the Northern Cape and Orange Free State.
- M.Sc. - **A.W. von Veh**
Aspects of sedimentation, structure and tectonic evolution in the Tygerberg terrane, Southwestern Cape Province.
- 1984 Ph.D. - **K. Martin**
Plate tectonic status and sedimentary basin in-fill of the Natal Valley (S.W. Indian Ocean).
- Ph.D. - **F. Westall**
Current-controlled sedimentation in the Agulhas Passage, SW Indian Ocean.
- M.Sc. - **T.A. Felhaber**
The geochemistry and sedimentology of Quaternary shelf sediments off the Tugela River, Natal, South Africa.
- M.Sc. - **R. Hay**
Sediment dynamics on the continental shelf between Durban and Port St. Johns (Southeast African continental margin).
- 1985 M.Sc. - **H.M. McLaren**
The geology of the area east of Pofadder with emphasis on shearing associated with the Pofadder Lineament, Northwest Cape.
- 1986 Ph.D. - **H.M. Albat**
The Proterozoic granulite facies terrane around Kliprand, Namaqualand Metamorphic Complex.

- 1986 Ph.D. - **S. Goodlad**
(contd) Tectonic and sedimentary history of the mid-Natal
 Valley (SW Indian Ocean).
- Ph.D. - **S.R. Shee**
 The petrogenesis of the Wesselton Mine kimberlites,
 Kimberley, Cape Province.
- M.Sc. - **R.N. de Decker**
 The geological setting of diamondiferous deposits on
 the inner shelf between the Orange River and Wreck
 Point, Namaqualand.
- M.Sc. - **J. Eastell**
 A low dilution fusion technique for the deter-
 mination of major, minor and trace elements in
 lamproite and kimberlite samples by X-ray
 fluorescence spectrometry.
- M.Sc. - **G.C.J. Schlegel**
 The metamorphic and structural evolution of the
 Kheis Tectonic Province.
- M.Sc. - **L.Y. Shackleton**
 An assessment of the reliability of fossil pilchard
 and anchovy scales as fish population indicators off
 Namibia.
- M.Sc. - **H.A. van der Heyde**
 A geochemical study of some volcanic and related
 rocks from the Barberton Greenstone Belt.

UNIVERSITY OF DURBAN-WESTVILLE

- 1985 : M.Sc. - **A.J. Scogings**
 The geology of the Ngoye Granite-Gneiss Formation.

UNIVERSITY OF NATAL (DURBAN)

- 1970 : Ph.D. - **D.C. Neethling**
 South African earth science exploration of Western
 Queen Maud Land, Antarctica.
- M.Sc. - **A.T. Champion**
 The mineralogy and related geology of the Albert Silver
 Mine.

- 1971 : M.Sc. - **N.J. Roberts**
The geology of an area to the north-east of Inanda, Natal.
- 1973 : M.Sc. - **M.R. Cooper**
A revision of the Uitenhage cephalopoda.
- M.Sc. - **C.M. Orr**
A study of fracture formation in a rock model.
- 1974 : Ph.D. - **C.M.H. Jennings**
The hydrogeology of Botswana.
- M.Sc. - **A.B. Cadle**
A subsurface sedimentological investigation of parts of the Ecca and Beaufort Groups in the north-eastern Karoo Basin.
- M.Sc. - **J.E. Guy**
The geology of an area to the north-west of Mandini Zululand.
- M.Sc. - **D. Mathews**
A statistical and palaeoenvironmental analysis of the Ecca Group.
- 1975 : M.Sc. - **K. McQuillin**
A computer based system for the evaluation of coalfield data.
- M.Sc. - **P. Paige-Green**
The geotechnical properties of Dwyka tillite in the Durban area.
- 1977 : M.Sc. - **J.W. Bristow**
The geology and geochemistry of the southern Lebombo.
- M.Sc. - **A. Schulze-Hulbe**
A study of the structure and metamorphism of the rocks of the Tugela Group exposed in the Mambula Mbongolwane area, Natal.
- 1978 : M.Sc. - **R.A. Armstrong**
A geological and geochemical appraisal of the Rooi Rand dyke swarm, Lebombo.
- M.Sc. - **M.B. Watchorn**
Sedimentology of the Mozaan Group in the south-eastern Transvaal and Northern Natal.
- 1979 : Ph.D. - **C.T. Logan**
Aspects of Karoo vulcanicity in the Komatipoort area Lebombo.
- M.Sc. - **R.E. Harmer**
Pre-Cape geology of the Tugela Valley north of Kranskop, Natal.

- 1979 M.Sc. - **B. Cairncross**
(contd) Depositional framework and control of coal distribution
 and quality, Van Dyk's Drift area, northern Karoo
 Basin.
- M.Sc. - **P.G. Eriksson**
 A palaeoenvironmental study of the Clarens Formation in
 the Natal Drakensberg.
- 1980 : Ph.D. - **T.J. Smalley**
 Structure and metamorphism of the Tugela Group within
 the northern zone of the Natal Mobile Belt.
- M.Sc. - **A.M. Smith**
 Lacustrine stromatolites of the Etosha Pan, S.W.A.
 (Namibia).
- 1981 : Ph.D. - **E.G. Charlesworth**
 Tectonics and metamorphism of the northern margin of
 the Namaqua-Natal Mobile Belt, near Eshowe, Natal.
- Ph.D. - **J.F. Lambert**
 The petrology of the ultrabasic rocks of the Tugela
 Valley, Natal.
- 1982 : M.Sc. - **B.G. Bulley**
 The geology of the Tafamisi area, Natal.
- : M.Sc. - **R.W. Dell**
 Major fault systems in the mining area of Western
 Holdings Limited Gold Mine (Holdings Division) in the
 Orange Free State Goldfields.
- 1985 : M.Sc. - **J.H.F. Wagener**
 Geology of the Prieska copper-zinc deposit,
 North-western Cape.
- M.Sc. - **J.R.de R. Roberts**
 The effect of dolerite dykes on coal seams on the Klip
 River Coalfield, North Natal.

UNIVERSITY OF NATAL (PIETERMARITZBURG)

- 1977 : M.Sc. - **J.R. Turner**
 Palaeoenvironmental study of the lower Beaufort in the
 northeast Karoo Basin.
- 1978 : M.Sc. - **H.D. Greenshields**
 A palaeoenvironmental analysis of the Beaufort Group
 along the Transkei and parts of the Ciskei coast.

- 1979 M.Sc. - **S.S. Absolom**
 A sedimentological analysis of gold distribution in the
 Kimberley Reef at South Roodepoort Main Reef Areas
 Limited.
- M.Sc. - **O.R. Dix**
 The geology of the Tugela Rand intrusive suite.
- 1980 : Ph.D. - **N.V. Armstrong**
 The geology and geochemistry of the Nsuze Group.
- Ph.D. - **G.A.D. Zelt**
 A geotraverse across Namaqualand, South Africa : the
 petrology, geochemistry and structural relations of a
 Proterozoic, high-grade metamorphic terrain.
- 1982 : M.Sc. - **M.C. Brink**
 The structural geology of the Buffelsfontein Gold Mine.
- 1983 : Ph.D. - **P.G. Eriksson**
 A palaeoenvironmental study of the Molteno, Elliot and
 Clarens formations in the Natal Drakensberg and North-
 eastern Orange Free State.
- M.Sc. - **G.H. Grantham**
 The tectonic metamorphic and intrusive history of the
 Natal Mobile Belt between Glenmore and Port Edward,
 Natal.
- M.Sc. - **T.C. Page**
 Pure and applied sedimentology of the Ecca-Beaufort
 rocks of the Drakensberg pumped storage scheme.
- 1984 M.Sc. - **P.B. Groenewald**
 The lithostratigraphy and petrogenesis of the Nsuze
 Group, northwest of Nkandla.

UNIVERSITY OF THE ORANGE FREE STATE

- 1973 : D.Sc. - **N.J. Grobler**
 The geology of the Pietersburg Greenstone Belt.
- D.Sc. - **F.D.I. Hodgson**
 The geology of the Brandberg-Aba Huab area, South West
 Africa.
- M.Sc. - **D.P. Emslie**
 The geology of an area around Sodium, Britstown
 District.
- M.Sc. - **W. Linström**
 Die geologie van die Sisteem Karoo wes van Mooirivier,
 Natal.

- 1973 M.Sc. - **C.A. Smit**
(contd) Die geologie van 'n gebied rondom Koopmansfontein Noord-Kaapland, met spesiale verwysing na die Serieë Swartrif en Dolomiet.
- — — — — M.Sc. - **J. van der Merwe**
 Die geologie van 'n gebied om Campbell, Noord-Kaapland, met spesiale verwysing na die Serieë Swartrif en Dolomiet.
- 1974 : D.Sc. - **G.J. Beukes**
 'n Geologiese ondersoek van die gebied suid van Warmbad, Suidwes-Afrika, met spesiale verwysing na die metamorf-magmatiese assosiasies van die Voorkambriese gesteentes.
- D.Sc. - **G.J. Geringer**
 Die geologie van die Argeiese gesteentes en jonger formasies in die gebied wes van Upington met spesiale verwysing na die verskillende granietyvoorkomste.
- D.Sc. - **M.R. Henzen**
 Die herwinning, opberging en onttrekking van gesuiwerde rioolwater in the Kaapse Skiereiland.
- M.Sc. - **L.N.J. Engelbrecht**
 Die geologie van die gebied tussen Kimberley en Barkly-wes, Kaapprovincie.
- M.Sc. - **C.W. Joubert**
 Die geologie van 'n gebied tussen Boshof en Barkly-wes.
- M.Sc. - **C.de W. Potgieter**
 Die geologie van 'n gebied suid van Douglas, Noord-Kaapland.
- 1975 : D.Sc. - **J.S. le Roux**
 Paleogeologiese en paleografiese aspekte van die Etage Rooilae van die Sisteem Karoo.
- M.Sc. - **C.H. McLaren**
 Die geologie van 'n gebied suid van Plooyburg, Noord-Kaapland.
- M.Sc. - **G.J.A. Potgieter**
 The geology of an area south of Kimberley.
- M.Sc. - **G. van Aswegen**
 The geology of the Namaqualand Metamorphic Complex and younger formations north-west of Loeriesfontein.
- 1976 : D.Sc. - **R.I. Hutchison**
 The Witwatersrand System as a model of sedimentation in an intracratonic basin.

- 1977 : Ph.D. - **H.J. Olivier**
Some engineering-geological aspects of tunnel construction in Karoo strata with reference to the Orange-Fish Tunnel.
- M.Sc. - **P.J. Dundon**
A groundwater resource study of the Francistown area, Botswana.
- M.Sc. - **A. Gerber**
'n Ondersoek na die hidroliese eienskappe van die ondergrondse waterbron in the Kaapse Vlakte.
- M.Sc. - **W.M. Lemmer**
Die geologie in die omgewing van Britstown.
- M.Sc. - **L. Nel**
Die geologie van 'n gebied suid van Hopetown.
- M.Sc. - **W.A. van der Westhuizen**
Die geologie van die gebied Poortjie 3022D in die Distrikte Britstown, Carnarvon, Prieska en Victoria-Wes, Noord-Kaapland.
- 1978 : Ph.D. - **D.B. Bredenkamp**
Quantitative estimation of groundwater recharge with special reference to the use of natural radio-active isotopes and hydrological simulation.
- Ph.D. - **W. Linström**
Die geologie tussen Kenhardt en Marydale met spesiale verwysing na die verband tussen die Kheisgesteentes en die Namakwalandse Mobiele Gordel.
- Ph.D. - **E. Marhnelli**
Recommended standardized procedures for hydrogeological mapping in Southern Africa.
- Ph.D. - **C.A. Smit**
Die geologie rondom Groblershoop met spesiale verwysing na die verband tussen die Namakwalandse Mobiele Gordel en die Kheis-Matsapgesteentes.
- Ph.D. - **P.J. Smit**
Die geohidrologie in die opvanggebied van die Moloporivier in die Noordelike Kalahari.
- M.Sc. - **M.W. Bell**
The geohydrology of the Clarens Sandstone, a Karoo aquifer of the northern Kalahari in the Bamangwato tribal territory of Botswana.

- 1978 M.Sc. - L.J. Bonnet
(contd) Die geologie van die gebied 2877C suid-oos van Winburg, Oranje-Vrystaat.
- M.Sc. - P.J. Botha
 Die geologie in die omgewing van die Benede-Omarururivier, Suidwes-Afrika.
- M.Sc. - B.A. Dukas
 'n Studie van die Beaufort-groep en verwante gesteentes tussen Aberdeen en Richmond in die sentrale Karrookom.
- M.Sc. - J. Liebenberg
 Die geologie van die gebied 2724D (Andalusia).
- M.Sc. - C.D. van Niekerk
 Die geologie noordoos van Graaff-Reinet.
- M.Sc. - L. van Rooyen
 Die geologie en geohidrologie van 'n gebied noord van Reivilo, Kaapprovinsie.
- 1979 : Ph.D. - K. Hall
 Quaternary glacial geology of Marion Island.
- Ph.D. - E.A.W. Tordiffe
 Aspects of the hydrogeochemistry of the Karoo Sequence in the Great Fish River Basin, Eastern Cape Province, with special reference to the groundwater quality.
- M.Sc. - G. du Plessis
 'n Metamorf-magmatiese studie van 'n gedeelte van die Namakwalandse Metamorfe Kompleks langs die Orangerivier, oos van Onseepkans.
- M.Sc. - D. Strydom
 The geology of an area north of Carnarvon with special reference to the Precambrian rocks.
- M.Sc. - J.C. Terblanche
 Die geologie van 'n gebied oos van Carnarvon.
- 1980 : Ph.D. - D.P. Emslie
 The mineralogy and geochemistry of the copper, lead and zinc sulphides of the Otavi Mountain Land, South West Africa.
- M.Sc. - N.J. Behounek
 The geology of an area west of Welkom, O.F.S. (Degree Blocks 2825A and B and 2826A).
- M.Sc. - C.A.J. Burger
 Die geohidrologie van 'n gebied in die Suid-Vrystaat, met spesiale verwysing na doleriet-komstrukture.

- 1980 M.Sc. - E.P.J. Kleynhans
(contd) The geology of an area around Warrenton, Northern Cape, with special reference to the volcanology and geochemistry of the Ventersdorp Supergroup.
- M.Sc. - F. Martens
 A sequence of deformational events in the Ratelpoort fold area, Namaqualand.
- M.Sc. - H.F.G. Moen
 Petrology and geological setting of the Wilgenhoutdrif Formation, Northern Cape Province.
- M.Sc. - H.J. van den Berg
 Die sedimentologie van die Soutpansberg-stenkoolveld met spesiale verwysing na steenkoolvorming.
- M.Sc. - P.J. van der Linde
 Die effek van strook-afbou-mynbou-aktiwiteite op die geohidrologiese sisteem in die Sigma-stenkoolveld, Sasolburg.
- 1981 : Ph.D. - H. de Bruyn
 The geology of the acid phase of the Bushveld Complex, north of Pretoria.
- Ph.D. - G.J.A. Potgieter
 Die litostratigrafie en strukturele aspekte van die suidwestelike rand van die Kaapvaal-kraton, wes van Prieska, Noord-Kaapland.
- M.Sc. - C.D. MacKie
 Multi rate step test, technique. A review and critical discussion.
- 1982 : Ph.D. - J.N.J. Fleisher
 The geohydrology of the dolomite aquifers of the Malmani Subgroup in the southwestern Transvaal, Republic of South Africa.
- Ph.D. - G. Tredoux
 'n Geohidrochemiese ondersoek van die Artesiese Kom Stampriet, Suidwes-Afrika.
- M.Sc. - J.L. Booyens
 'n Geohidrologiese studie van die Wesrand-dolomitiese gebied, kunsmatige aanvulling, waterbalansberekeninge en vermeerdering van grondwaterlewering met høe-energieploffstowwe.
- M.Sc. - M.A. Thomas
 The geology of the Kalahari in the Northern Cape Province (areas 2620 and 2720).

- 1982 M.Sc. - **C. van der Westhuizen**
(contd) Geohydrological aspects of the Vryburg Compartiment,
 Northern Cape Province.
- 1983 : Ph.D. - **J. van der Merwe**.
 Geohidrologiese aspekte van die karbonaatryke
 gesteentes in Noord-Kaapland met 'n kritiese
 beskouing van wiskundige evalueringstegnieke.
- Ph.D. - **G.J. van Tonder**
 Die toepassing van kriging in geohidrologie.
- M.Sc. - **J.A. Conradie**
 Petrological and petrochemical aspects of the
 Koperberg Suite, Namaqualand.
- M.Sc. - **S.D. Lynch**
 Grondwatermodellering en parameteridentifikasie van
 die Sishenakwiferoer.
- M.Sc. - **S.J. Malherbe**
 Die geologie van die suidelike rand van die
 Roodeplaatkaldeira, noordoos van Pretoria.
- 1984 : Ph.D. - **W.A. van der Westhuizen**
 The nature, genesis and geochemistry of the
 supergene vanadium ores of the Otavi Mountain Land.
- Ph.D. - **C.J. van Vuuren**
 A basin analysis of the northern facies of the Ecca
 Group.
- M.Sc. - **V.E. Cogho**
 Radioactive contaminant transport through a porous
 medium.
- M.Sc. - **G.S. de Kock**
 'n Litostratigrafiese studie van gebied 2216AA en AC
 in die sentrale Damara-orogen, S.W.A.
- M.Sc. - **J.L. Muller**
 A preliminary investigation of modelling the
 Atlantis aquifer.
- M.Sc. - **H.E. Praekelt**
 Die geologie van die gebied rondom Augrabies.
- M.Sc. - **A.J. van der Merwe**
 Eksplorasie, ontginding en evaluering van grondwater
 van die sandafsettings in die Atlantisgebied vir
 watervoorsiening aan die Atlantisgroeipunt.
- 1985 : Ph.D. - **D. Strydom**
 'n Struktureel-stratigrafiese studie van die
 metasedimente en ander metamorfiete van die
 Noordwestelike Boesmanland.

- 1985 : M.Sc. - **H. Janse van Rensburg**
(contd) 'n Ondersoek na die benutting van grondwater in die Grootfonteinkompartement (Wes-Transvaal).
- M.Sc. - **M.J. Slabbert**
Die geologie in die omgewing van die Melkboomkoepel suid van Keimoes.
- M.Sc. - **J.C. Theron**
The distribution of uranium and thorium in the Contreberg pluton, Darling.
- M.Sc. - **L.C. Venter**
Geometriese en vervormingsanalises op enkele steilstrukture van die Okiel-Koperdistrik.
- M.Sc. - **J.J. Vermaak**
Aspects of the secondary dispersion of ore-related elements in calcrete environments of the Northern Cape Province.
- 1986 : Ph.D. - **S.W. van der Merwe**
The structural development of part of the Namaqua Mobile Belt in an area between Springbok and Vioolsdrif.
- M.Sc. - **C.J. Lotter**
The problem of pollution in groundwater.
- M.Sc. - **J.A.C. Jankowitz**
'n Petrochemiese ondersoek van die Cnydasbatoliet, wes van Upington.
- M.Sc. - **J.J. Pretorius**
'n Stratigrafiese en petrochemiese ondersoek van die Jannelsepangroep-gesteentes in die Boksputsomgewing, met verwysing na kontroles vir sulfied-mineralisasie.
- M.Sc. - **S.W. Strauss**
An evaluation of geochemical parameters for tin exploration in soil-covered areas in the central Bushveld Complex.
- M.Sc. - **V.C. van Zyl**
Metamorphic studies in the Proterozoic rocks of parts of Northern Bushmanland.

UNIVERSITY OF PORT ELIZABETH

- 1976 : M.Sc. - **R.W. Shone**
The sedimentology of the Mesozoic Algoa Basin.

- 1977 : Ph.D. - **C.S. Kingsley**
Stratigraphy and sedimentology of the Ecca Group in
the Eastern Cape Province, South Africa.
- 1980 : Ph.D. - **W.M. Stear**
The sedimentary environment of the Beaufort Group
uranium province in the vicinity of Beaufort West,
South Africa.
- 1981 : M.Sc. - **J.S.V. Reddering**
The sedimentology of the Keurbooms Estuary.
- 1984 : Ph.D. - **R.W. Shone**
The sedimentology of the Sardinia Bay Formation.
- M.Sc. - **A.L.E. Simmonds**
The sedimentology of the Teekloof Formation east of
Aberdeen (C.P.).
- M.Sc. - **H.de V. Wickens**
Die stratigrafie en sedimentologie van die Groep
Ecca wes van Sutherland.
- 1985 : Ph.D. - **J.P. le Roux**
Palaeochannels and uranium mineralization - main
Karoo Basin.
- 1986 : M.Sc. - **W.K. Illenberger**
The Alexandria coastal dunefield : morphology, sand
budget and history.

POTCHEFSTROOM UNIVERSITY FOR CHRISTIAN HIGHER EDUCATION

- 1973 : M.Sc. - **J. Markgraaff**
Die piroksene van die westelike Bosveldkompleks.
- M.Sc. - **H.M. Meadon**
Die geologie van die Wonderfonteingang.
- 1974 : M.Sc. - **A.N. Labuschagne**
The Ventersdorp lavas in the East Driefontein Gold
Mine.
- M.Sc. - **J.J. Mayer**
Die morfotektoniese ontwikkeling in
sedimentpetrologie van die Hartsvallei.

- 1986 : M.Sc. - **M.S. Coetze**
Die ultramafiese insluitsels van die kimberliet in
die ou Newlandsmyn.

UNIVERSITY OF PRETORIA

- 1970 D.Sc. - **C. Frick**
The mineralogy and petrology of kimberlite and its
related inclusions, with special reference to
Premier Mine.
- D.Sc. - **T.G. Molyneux**
A geological investigation of the Bushveld Complex
in Sekhukhuneland and part of the Steelpoort Valley,
Eastern Transvaal, with particular reference to the
oxide minerals.
- M.Sc. - **P. Ianello**
The geology of the country between Boshofsberg and
the Crocodile River.
- M.Sc. - **L.S. Labuschagne**
The structure and mineralization of the orebodies at
Blaauwbank and Nieuwpoort, Rooiberg Tinfield,
Transvaal.
- M.Sc. - **D.C. Page**
The mineralogy of South African jade and the
associated rocks in the district of Rustenburg,
Western Transvaal.
- 1971 D.Sc. - **G. von Gruenewaldt**
A petrographical and mineralogical investigation of
the Bushveld Igneous Complex in the
Tauteshoogte-Roossenekal area of the Eastern
Transvaal.
- M.Sc. - **E. de Ridder**
The sedimentary succession exposed in the Borg
Massif, Western Queen Maud Land, Antarctic.
- 1972 D.Sc. - **K.P. Bahnemann**
A review of the structure, the stratigraphy and the
metamorphism of the basement rocks in the Messina
District, Northern Transvaal.
- M.Sc. - **D.L. Buchanan**
The petrography of rocks of the Bushveld Complex
type intersected by boreholes in the Bethal area.
- 1973 M.Sc. - **J.P. Engelbrecht**
The metamorphosed rocks of the Pretoria Series and
the associated intrusive diabases in the Enzelsberg
area, Marico District.

- 1974 D.Sc. - **M.v.R. Steyn**
Die stratigrafie, die struktuur en die mineralisasie van die Fairview-myngebied, distrik Barberton.
- 1975 M.Sc. - **I.C. Pringle**
The fluorite deposits on Zwartkloof 707KR, west of Warmbaths, Transvaal.
- 1976 D.Sc. - **B.B. Hambleton-Jones**
The geology and geochemistry of some epigenetic uranium deposits near the Swakop River, South West Africa.
- D.Sc. - **J.E. Kruger**
Contributions to the knowledge of the characteristics of vitreous blast-furnace slag with a high magnesia content.
- M.Sc. - **M.D. du Plessis**
The Bushveld granites and the associated rocks in the area north-west of Warmbaths, Transvaal.
- M.Sc. - **J. Joubert**
Gemetamorfoseerde karbonaatinsluitsels in die Bosone van die Bosveldkompleks, wes van Roossenekal, Transvaal.
- M.Sc. - **A.G. Marlow**
The geology of the Bushveld Complex on the Sekhukhune plateau, Eastern Transvaal.
- M.Sc. - **D.J. Nel**
A petrochemical investigation of the Spitskop Alkaline Complex.
- 1977 D.Sc. - **E.C.I. Hammerbeck**
The Usushwana Complex in the south-eastern Transvaal with special reference to its economic mineral potential.
- M.Sc. - **J.N. Faure**
Uraan-lood ouderdomsbepalings op granitiese gesteentes van die oostelike Bosveldkompleks.
- M.Sc. - **P.J. Hattingh**
'n Regionale gravitasie-opname van die Bosveldkompleks in die omgewing van Groblersdal, Lydenburg en Belfast.
- M.Sc. - **F. Walraven**
The transition between the mafic and acid phases of the Bushveld Complex in the Rustenburg-Brits area.
- M.Sc. - **J.G. Wilson**
A photogeological investigation of the major controls of fluorspar, lead and zinc ores in the Zeerust area, Western Transvaal.

- 1978 M.Sc. - **A.R. Clubley-Armstrong**
 The geology of the Selonsrivier area, north of
 Middelburg, Transvaal, with special reference to the
 structure of the regions south-east of the Dennilton
 Dome.
- M.Sc. - **A.A.C. Klop**
 The metamorphosed sediments of the Pretoria Group
 and the associated rocks northwest of Zeerust,
 Western Transvaal.
- M.Sc. - **C.L. Marais**
 An investigation of the pyroxenite marker and the
 associated rocks in the Main Zone of the Eastern
 Bushveld Complex.
- 1979 M.Sc. - **M. Levin**
 'n Geologiese en hidrologiese ondersoek na uraan in
 die noordelike Karoo.
- M.Sc. - **G. Smits**
 A mineralogical investigation of the Rooibokkop-
 Boschhoek hydrothermal copper deposit, northeast of
 Marble Hall, Transvaal.
- M.Sc. - **E.H. Stettler**
 A geological and geophysical investigation of the
 diamond runs on Ruitelaagte and vicinity in the
 Bakerville area, Lichtenburg District.
- 1980 D.Sc. - **A. van Schalkwyk**
 Die invloed van geologie op die ontwerp en
 konstruksie van groter damme in Suid-Afrika.
- D.Sc. - **J.P. Venter**
 The engineering properties and road building
 characteristics of mudrocks with special reference
 to Southern Africa.
- D.Sc. - **M.D. Watson**
 The geology, mineralogy and origin of the
 zinc-lead-copper deposit at Rosh Pinah, South West
 Africa.
- M.Sc. - **R.W. Day**
 An interpretation of magnetometric data from the
 Lichtenburg and Zeerust districts, Western
 Transvaal.
- M.Sc. - **M.C.J. de Wit**
 A geophysical investigation and geological
 interpretation of part of the diamondiferous gravels
 on the farm Grasfontein (356JP) west of Bakerville.
- M.Sc. - **J.L. Gaigher**
 The mineral matter in some South African coals.

- 1981 M.Sc. - **A.M. Bester**
 Ingenieursgeologie kaarte vir regionale beplanning
 en ontwikkeling met spesiale verwysing na 'n gebied
 suidoos van Pretoria.
- M.Sc. - **M. Cloete**
 'n Voorkoms van sink-looderts in gemitamorfoseerde
 dolomiet suid van Hendrina.
- M.Sc. - **G.V. Price**
 Methods of engineering geological mapping and their
 application on a regional scale in South Africa.
- 1982 M.Sc. - **J.L. Dinsdale**
 The development and control of pocket mineralisation
 in the Rooiberg quartzites.
- M.Sc. - **S.B. Gain**
 The cyclic units of the Upper Critical Zone on
 Maandagshoek 254KT, Eastern Bushveld Complex.
- M.Sc. - **B.R.S. Minty**
 Automatic depth-estimates on aeromagnetic profiles.
- M.Sc. - **E.A. Viljoen**
 The kimberlite occurrences from the vicinity of
 Rayton south of Premier Mine, and from East Lynne,
 east of Pretoria.
- 1983 D.Sc. - **J.H. Bredell**
 Refractory clays in the Transvaal: exploration,
 genesis and property interrelationships.
- D.Sc. - **P.J. Hattingh**
 A palaeomagnetic investigation of the layered mafic
 sequence of the Bushveld Complex
- M.Sc. - **R.J. Durrheim**
 Regional-residual separation and automatic
 interpretation of aeromagnetic data.
- M.Sc. - **A.B. Mostert**
 A mineralogical and petrological investigation of
 the Platreef on Drenthe 778LR, northwest of
 Potgietersrus.
- M.Sc. - **J.H. Strydom**
 Geochemiese en mineralogiese verspreidings patronen
 in die wandgesteentes van tindraende ertsliggame in
 die Zaaiplaatsmyn, Potgietersrusdistrik.
- 1984 D.Sc. - **L.J. Hulbert**
 A petrographical investigation of the Rustenburg
 Layered Suite and associated mineralization south of
 Potgietersrus.

- 1984 D.Sc. - **D.H. Jones**
(Contd) Unstable ground conditions associated with Karoo
 outliers in the dolomitic environment of the Far
 West Rand.
- — D.Sc. - **P. Roux**
 Geotecniese ondersoek vir dorpsontwikkeling in
 dolomietgebiede.
- — D.Sc. - **J.F. Wolmarans**
 Ontwatering van die dolomietgebied aan die Verre
 Wes-Rand: gebeure in perspektief.
- — M.Sc. - **J. Coetze**
 Die gedissemineerde laegraadse kassiterietafsettings
 in die Bobbejaankopgraniet by die Zaaiplaatsmyn.
- — M.Sc. - **J. Nell**
 The metamorphic aureole of the Bushveld Complex in
 the Potgietersrus area.
- — M.Sc. - **J.L. van Rooy**
 Sonering van 'n dolomietgebied suid van Pretoria met
 behulp van 'n meervoudige-faktor klassifikasie-
 siestelsel.
- 1985 M.Sc. - **D.J. Barnardo**
 Bauxite in Natal with emphasis on exploration
 resources and the influence of geomorphology on its
 origin.
- — M.Sc. - **J.P. le Roux**
 Die eienskappe en korrelasie van steenkoolae in die
 Witbank-Bethal-Breyton-gebied.
- — M.Sc. - **J. van Deventer**
 Die ontwikkeling van 'n eksplorasiemodel vir
 ystererts in die Penge-Formasie by Thabazimbi.
- — M.Sc. - **C.B. Wilkens**
 The geology of post-Chuniespoort deposits in the
 Verwoerdburg area south of Pretoria with specific
 reference to engineering properties of the red
 soils.
- 1986 M.Sc. - **A.J. Geertsema**
 Die ingenieurgeologie van sandsteen in die Natal
 Groep.
- — M.Sc. - **G.J. Kleemann**
 The geochemistry and petrology of the roofrocks of
 the Bushveld Complex east of Groblersdal.

RAND AFRIKAANS UNIVERSITY

- 1970 M.Sc. - **R.H. Welsh**
The nature and origin of the banded ironstone and some crocidolite deposits of the Pretoria Series in the Kuruman District, Northern Cape Province.
- 1974 M.Sc. - **J.J. Bench**
Die kwantitatiewe analise van mengsels van fynkorrelrige minerale met behulp van X-straal differaksie-metodes.
- M.Sc. - **H.J. Brynard**
Die mineralogie en petrografie van die Merenskyrif in die Western Platinum-myn, naby Marikana.
- 1977 M.Sc. - **J.D. Germiquet**
A mineralogical investigation of some palygorskite deposits in South Africa with reference to beneficiation and industrial use.
- M.Sc. - **P.P.A. Steyn**
Die sedimentologie van die Davelsteenkoolveld in die Oos-Transvaal met spesiale verwysing na die Vryheid Formasie van die Karoo Supergroep.
- 1978 M.Sc. - **M.C. Prinsloo**
Die geologie van 'n gebied in die omgewing van Giyani, Noordoos-Transvaal met verwysing na moontlike ekonomiese mineraalafsettings.
- 1979 Ph.D. - **N.J. Beukes**
Die karbonaatgesteentes en ysterformasies van die Ghaap-Groep van die Transvaal Supergroep in Noord Kaapland.
- Ph.D. - **D.D. van Reenen**
Metamorfe studies van granoliete en verwante hoë-graadse gesteentes in die suidelike grenssone van die Limpopo Metamorfekompleks in Suid-Afrika.
- M.Sc. - **G.R. Adams**
A study of fractures formed in the rock around an opening made by a reef boring machine.
- M.Sc. - **P.J. Day**
Mineralogical characterization of amosite asbestos.
- M.Sc. - **G.A. Potgieter**
'n Mineralogiese ondersoek van die goudafsetting in die omgewing van die Fumanigoudmyn, Gazankulu, Noordoos-Transvaal.
- M.Sc. - **J.A. Retief**
A study of the peizo-electric behaviour of quartz and quartzites.

- 1980 M.Sc. - **A.S.E. Kleyenstüber**
 'n Mineralogiese ondersoek van hoë-temperatuur-reduksieprodukte van mangaanerts vanuit die Mamatwanmyn, Kalahari-mangaanveld.
- M.Sc. - **W. van der Walt**
 Die geologie van 'n gebied in die omgewing van Villa Nora, Noord-Transvaal.
- M.Sc. - **C.J. Vorster**
 Die geologie van die Klein-Letabagebied Noordoos-Transvaal, met spesiale verwysing na die granitiese gesteentes.
- 1981 Ph.D. - **M.C. du Toit**
 Die geologie en struktuur van die gebiede Levubu en Bandelierkop in Noord-Transvaal.
- Ph.D. - **C.H. McLaren**
 'n Mineralogiese ondersoek van die platinum-groepminerale in die boonste chromietlaag (UG 2) van die Bosveldkompleks.
- M.Sc. - **D.J. Erasmus**
 Die voorkoms en ekonomiese potensiaal van twee kaolienafsettings naby Bitterfontein, Van Rhynsdorpdistrik.
- M.Sc. - **T. O'Neil Hagan**
 A photogrammetric study of mining-induced fracture phenomena and instability on a deep level longwall stope-face with variable lengths.
- M.Sc. - **J.P. van Wyk**
 Die geologie van die gebied Rooinekke-Matsap-Wolhaarkop in Noord-Kaapland met spesiale verwysing na die Koegas-Subgroep, Transvaal Supergroep.
- 1982 M.Sc. - **P.J. Fourie**
 Die piroksenitiese gesteentes van die Phalaborwa-kompleks met verwysing na die verspreiding van fosfaat.
- M.Sc. - **S.J. Kruger**
 'n Mineralogiese ondersoek van die asfraksie van steenkool van die Springbokvlaktesteenkolveld.
- 1983 Ph.D. - **C.J.B. Dreyer**
 Amphibole asbestos in South Africa.
- Ph.D. - **J. Markgraaff**
 Die invloed van hoë druk op kwarts en die moontlike energie-implikasie van gepaardgaande Dauphine-vertweeling.

- 1983 Ph.D. - **J.T. Ollila**
(contd) A fluid inclusion and mineralogical study of tin deposits and rocks associated with the Bushveld Complex at the Zaaiplaats, Rooiberg and Union Tin mines in the Central Transvaal, South Africa.
- M.Sc. - **E.L. Louwrens**
 Die petrografie en geochemie van gesteentes van die Sutherland-Groensteengordel, Noordoos-Transvaal, met spesiale verwysing na die regionale verspreiding van goud.
- M.Sc. - **G.J. Potgieter**
 Die aanvanklike rotsbeweging van seismiese gebeurtenisse in die Klerksdorpgoudveld.
- M.Sc. - **A.I. Pretorius**
 Kontroles van goudmineralisasie in gebande ysterformasie in die omgewing van Fuman-i-goudmyn in die Sutherland-Groensteengordel, Noordoos-Transvaal.
- M.Sc. - **P. van der Heever**
 The influence of geological structure on seismicity and rockbursts in the Klerksdorp Goldfield.
- 1984 M.Sc. - **B.G. Els**
 The sedimentology of the Middelvlei Reef on Doornfontein Gold Mine.
- M.Sc. - **E. Jansen**
 Die stratigrafie en sedimentologie van die Volop-Groep, Olifantshoekopeenvolging.
- M.Sc. - **K.T. Adendorff**
 A crystal-chemical investigation of phases of relevance to lime-chromite roast reactions.
- 1985 M.Sc. - **C.J. Chernicoff**
 A synthesis of the structural geology of the Northern Transvaal.
- M.Sc. - **Wilma Clark**
 Die ontwikkeling van apparaat en analitiese tegnieke vir gekoppelde X-straaldiffraksie-ontledings van flossers.
- M.Sc. - **E.T. Fourie**
 Die stratigrafie en sedimentologie van die Chuniespoortgroep in Noordwes-Transvaal.
- M.Sc. - **G.H. Groenewald**
 Stratigrafie en sedimentologie van die groep Beaufort in die Noordoos-Vrystaat.

- 1985 M.Sc. - **M.K. Jolly**
(contd) The sedimentology and economic potential of the
 auriferous Middelvlei Reef on Driefontein
 Consolidated Limited.
- M.Sc. - **C.J. Nel**
 Die mineralogie en geochemie van die
 Mamatwanertsliggaam, Kalahari-mangaanveld, Transvaal
 Supergroep.
- M.Sc. - **J.C. Pienaar**
 Die geologie van die Alldays-omgewing in Noord-
 Transvaal.
- M.Sc. - **A.J. Rorke**
 A seismically oriented study of mining induced
 fracturing around a deep level gold mine stope.
- M.Sc. - **Julia Anne Russel**
 A mineralogical investigation of the gold ore of the
 Klipwal Mine near Piet Retief.
- M.Sc. - **R.P. Schouwstra**
 Kontroles van goudmineralisasie by die Sheba-
 goudmyn, Barbertondistrik.
- M.Sc. - **J.F. van Schalkwyk**
 Die geologie van die Sishen-ystermyn.
- 1986 Ph.D. - **A.S.E. Kleyenstüber**
 A regional mineralogical study of the manganese-
 bearing Voelwater Subgroup in the Northern Cape
 Province.
- M.Sc. - **A.R. Guest**
 A study of mining induced fracturing in a diamond
 mine.
- M.Sc. - **R. van der Merwe**
 Die Potchefstroomverskuiwing.

RHODES UNIVERSITY

- 1971 M.Sc. - **P.W.K. Booth**
 The Birds River Dolerite Complex.
- M.Sc. - **P. Fey**
 The geology of a portion of the country between
 Witvlei and Omitara, S.W.A.
- M.Sc. - **C.G. Whitfield**
 A petrological and mineralogical study of
 perioditite and eclogite xenoliths from certain
 kimberlite pipes.

- 1972 M.Sc. - D.L. Kyle
The geology of the Shamrock Mine and surrounding area, Rhodesia.
- 1974 Ph.D. - J. Lurie
The Pilanesburg geology, rare element geochemistry and economic potential.
- 1975 Ph.D. - A.J. Tankard
Late Cenozoic history and palaeoenvironments of the coastal margin of the S.W. Cape Province, South Africa.
- M.Sc. - N.C. Taylor
The Aapiesboomen magnesite deposit, Burgersfort, Transvaal.
- 1976 Ph.D. - M.R. Johnson
Stratigraphy and sedimentology of the Cape and Karoo sequences in the Eastern Cape Province.
- M.Sc. - S.H. Finnemore
Geology of the Elisenheim area, Windhoek District, South West Africa, with special reference to the Matchless Amphibolite Belt.
- M.Sc. - A.K. Kenyon
Reaction phenomena between Karroo dolerite and Cave Sandstone xenoliths in the Bird's River Complex.
- M.Sc. - J.V.A. Robey
Aspects of the geochemistry of the Karroo dolerites and basalts of the North-eastern Cape.
- 1977 M.Sc. - T.J. Broderick
Explanation of the geological map of the country east of Kariba.
- 1978 M.Sc. - F.J.L. Bunting
Geology of part of the Central Damara Belt around the Tumas River, South West Africa.
- M.Sc. - F.J. Kruger
A contribution to the petrology of kimberlites.
- M.Sc. - J. Pemberton
The geochemistry and petrology of Karroo basalts of the Barkly East area, North-eastern Cape.
- 1979 Ph.D. - I.M. Reynolds
A mineralogical investigation of co-existing iron-titanium oxides.

- 1979 M.Sc. - **J.R. Anderson**
(contd) The behaviour of the elements Ni, Co, Cu, Pb, Zn, Au, Ag, Mo, Sn, W and U in the magmatic, hydrothermal, sedimentary and weathering environments.
- M.Sc. - **R.E.S. Bellamy**
 Gold mineralization in Archaean cherts and iron-formations.
- M.Sc. - **M. Bowles**
 A review of the economic geology of tungsten.
- M.Sc. - **D.H. Corbett**
 A review of landscape development and erosion cycles in Southern Africa.
- M.Sc. - **A.J. Reynolds**
 Geochemical and mineralogical aspects of the Molteno Formation, South Africa.
- M.Sc. - **K.C. Rumble**
 Geochemistry and petrology of the Karoo andesites and associated basalts of the North-eastern Cape Province.
- M.Sc. - **N. Stavrakis**
 Sedimentology of the Katberg Sandstone in the Eastern Cape Province.
- 1980 M.Sc. - **N.G.E. Bertram**
 A review of mineral exploration drilling with particular reference to Southern Africa.
- M.Sc. - **F.A. Dabrowski**
 A review of unconformity-type uranium deposits.
- M.Sc. - **P.J. Friggens**
 Interpretation of mineralogical, chemical and morphological features of duricrusts and its application to mineral exploration.
- M.Sc. - **A.A. Mitchell**
 Intrusive and extrusive basaltic rocks of the Molteno-Jamestown area.
- M.Sc. - **L.E. Neuhoff**
 Geological factors in the evaluation of vein deposits.
- M.Sc. - **E.O. Reichard-Barends**
 Geological and economic factors affecting ore reserve estimation and grade control in porphyry type deposits.
- 1981 M.Sc. - **L.V. Ainsley**
 Geology and ore reserve estimation of the Witwatersrand-type gold deposits with specific reference to the Welkom Goldfield.

- 1981 M.Sc. - **P.D. Archer**
(contd) A review of the geology of primary tin deposits with emphasis on the factors that control grade and tonnage.
- M.Sc. - **D.R.W. Dingemans**
Geodynamics, rifting and stratiform and stratabound mineral deposits.
- M.Sc. - **R.G. Furnell**
A review of the use of geophysics in base- and precious-metal exploration.
- M.Sc. - **D.L. Gadd-Claxton**
The economic geology of the O'okiep copper deposits, Namaqualand, South Africa.
- M.Sc. - **D.E.C.S. Grant**
Sampling in the evaluation of ore deposits.
- M.Sc. - **K.A. Holliman**
Geological factors affecting the grade and tonnage of sandstone uranium deposits.
- M.Sc. - **A.G. McCulloch**
Geological factors affecting tonnage-grade relationships in orebodies of the Zambian Copperbelt.
- M.Sc. - **B. McDonald**
Review of carbonate hosted lead-zinc (copper) deposits and the geological factors affecting their shape, size and grade.
- M.Sc. - **D.V. Snowden**
The mineralogy and petrology of two kimberlites at Dutoitspan Mine, Kimberley.
- M.Sc. - **D.M. Venter**
Geological factors that influence the evaluation and exploitation of Canadian copper-zinc massive sulphide-, and Japanese polymetallic (Kuroko) deposits.
- 1982 Ph.D. - **F.J. Kruger**
The petrology of the Merensky Cyclic Unit and associated rocks and their significance in the evolution of the Western Bushveld Complex.
- M.Sc. - **J.S. Empsall**
The tectonic framework of magmatism and mineralization in the Western United States.
- M.Sc. - **B.A. Fletcher**
The factors affecting the interpretation of geochemical surveys in mineral exploration.

- 1982 M.Sc. - **W.J. de Klerk**
(contd) Geology, geochemistry and silicate mineralogy of the
 Upper Critical Zone of the Northwestern Bushveld
 Complex at RPM Union Section.
- M.Sc. - **R. Swart**
 The stratigraphy and structure of the Kommadagga
 Subgroup and contiguous rocks.
- 1983 M.Sc. - **P. Abbot**
 A review of asbestos resources.
- M.Sc. - **J.M.T. Barnes**
 A review of stratabound tungsten deposits.
- M.Sc. - **C.D. Beater**
 The significance of unconformities in the
 development of Witwatersrand gold and uranium
 placers.
- M.Sc. - **A.G. Esterhuizen**
 The concept of grade in mineral deposits.
- M.Sc. - **P.A. Harrison**
 Economic geology of sulphide nickel deposits.
- M.Sc. - **C.H. Johnson**
 Placer deposits: a review of their geology and
 processes of formation that influence their economic
 viability.
- M.Sc. - **L.W. Maassen**
 Metallogenetic evolution of the Southern Appalachian
 Orogenic Belt and Mississippi Valley.
- M.Sc. - **H.L.M. Mathe**
 Metallogenetic evolution of the Canadian Cordilleran
 Orogen.
- M.Sc. - **M. Maturana-Bascope**
 Geology and mine planning.
- M.Sc. - **S.A. Mawson**
 Geochemical exploration for gold, with particular
 reference to Southern Africa.
- M.Sc. - **D.A. Pelham**
 The geological evolution and mineralised
 environments of the Tasman Geosyncline.
- M.Sc. - **R.D. Rossiter**
 Epithermal gold deposits: their geology and genesis.
- M.Sc. - **C.G. Sanderson**
 Geology of the central and southern domains of the
 Koras Group.

- 1983 (contd) M.Sc. - D.A. Sheeran
The geology and mineralization of acid pegmatites.
- M.Sc. - J. Smuts
The geology, mineralogy and chemistry of the Grahamstown clay deposits.
- M.Sc. - E.P.W. Swindell
The tectonic setting of mineralised environments in Southern Africa.
- M.Sc. - F. van Berkel
Geochemical exploration in arid and semi-arid environments.
- 1984 M.Sc. - M.P. Bowen
The petrogenesis of the volcanic rocks of the Witwatersrand triad in the Klerksdorp area, Transvaal.
- M.Sc. - T.B. Bowen
The geochemical stratigraphy of the volcanic rocks of the Witwatersrand triad in the Klerksdorp area, Transvaal.
- M.Sc. - D. Phillips
Mineralogy and petrology of the Townlands iron-rich ultramafic pegmatite.
- M.Sc. - I.E. Williams-Jones
The petrology of the basalts of the Dordabis Formation in the vicinity of Dordabis in central SWA/Namibia.
- 1985 Ph.D. - R.N. Scoon
Discordant bodies of postcumulus ultramafic rock in the Upper Critical Zone of the Bushveld Complex: iron-rich ultramafic pegmatite bodies at Amandelbult and the Driekop platiniferous ultramafic pipe.
- M.Sc. - P.N. Bentley
Granitoid related Sn-W mineralization with special reference to Southern Africa, the Variscan Belt in Europe and the Malay Peninsula.
- M.Sc. - P.M. Leeming
Turbidite-hosted gold deposits.
- 1986 M.Sc. - P.J. Ash
A review of the sediment-hosted disseminated precious-metal deposits of Nevada: geology, classification, genesis and exploration.
- M.Sc. - V. Petzel
Vein- and replacement-type Sn and Sn-W mineralization in the southern Kaoka Zone, Damara Province, S.W.A./Namibia.

1986 M.Sc. - R. Puig
(contd) Molybdenum mineralization with emphasis on porphyry systems: genesis and exploration.

UNIVERSITY OF STELLENBOSCH

- 1972 D.Sc. - A.E. Schoch
The Darling granite batholith.
- D.Sc. - J.N. Theron
The stratigraphy and sedimentation of the Bokkeveld Group.
- M.Sc. - R.S. Hill
Geology of the northern periphery of the Algoa Basin.
- M.Sc. - G.F. Wagener
Sedimentary tectonics of the East Rand Basin with special reference to the Brakpan Formation.
- 1973 D.Sc. - J.D.T. Otto
The geology and petrology of the Marble Delta.
- M.Sc. - J.J. de Wet
Carbonatites and related rocks at Salpetre Kop, Sutherland.
- M.Sc. - D.M. le Roux
Struktuuronderzoek van die Kaapse plooigordel oos van Barrydale.
- M.Sc. - F.E. Leygonie
Die graniete van Langebaan, K.P.
- 1974 M.Sc. - R. Meyer
Interpretation methods for shallow seismic refraction prospecting and their applications.
- 1975 M.Sc. - A. Rozendaal
The geology of Gamsberg, Namaqualand.
- M.Sc. - C.J.P. Schreuder
Carbonate-bearing eruptives between the Great Karas Mountains and the Bremen Igneous Complex, S.W.A.
- 1976 M.Sc. - I.T. Crocker
Fluorite mineralization in the Bushveld granites southeast of Rooiberg, Tvl.

- 1976 (contd) M.Sc. - P.G. Gresse
The structure and metamorphism of the pre-Cape rocks in the coastal strip south of George, C.P.
- M.Sc. - W.M. Stear
The geology and ore controls of the northern Rooiberg tin-field, Transvaal.
- 1977 M.Sc. - J.R. Krynauw
The George granite pluton and its relationship to the Kaaimans Formation.
- M.Sc. - J.P. le Roux
The stratigraphy, sedimentology and structure of the Cango Group north of Oudtshoorn, C.P.
- M.Sc. - L.E. Pretorius
Aspects of uranium mineralization in the Beaufort West Karoo.
- M.Sc. - P. Siegfried
Die Vredenburg-adamelliet.
- M.Sc. - J.H. Veldsman
Die geologie van 'n gedeelte van die Tsumeb-sinklinorium met spesiale verwysing na litostratigrafie, struktuur en diagenese.
- 1978 Ph.D. - P. Prins
The geochemical evolution of the alkaline and carbonatite complexes of the Damaraland Igneous Province, S.W.A.
- M.Sc. - J.N. Dunlevey
The quartz porphyry dykes of the Franschoekberg tunnel.
- 1979 M.Sc. - D.S. Coetzee
Styl en intensiteit van vervorming in die Kaap-en Karoo-opeenvolging vanaf Meiringspoort tot by Beaufort Wes langs $22\frac{1}{2}^{\circ}$ oosterlengte.
- 1982 M.Sc. - R. Scheepers
Die uraan, thorium en molibdeen-verspreiding in geselekteerde leukograniete van die Kaap-graniet-suite.
- 1983 Ph.D. - A. Rozendaal
The petrology of the Gamsberg zinc deposit and the Bushmanland iron formations with special reference to their relationships and genesis.
- 1984 M.Sc. - H.U. Schlägl
The geology of the Krantzberg tungsten deposits, Omaruru, South West Africa.

- 1985 Ph.D. - **J.N. Dunlevey**
The minor plutons of the Cape granite suite.
- Ph.D. - **H.F.J. Theart**
Copperton-Areachap Cu-Zn mineralization.
- 1986 Ph.D. - **P.G. Gresse**
The tectono-sedimentary history of the Vanrhynsdorp Group.
- M.Sc. - **L. du Plooy**
Geologie van die Griekwastad-Niekerkshoopgebied in Noord-Kaapland.
- M.Sc. - **E.P. Ferreira**
'n Sedimentologies-stratigrafiese ondersoek van die sedimentere gesteente in die Ahlmannryggen, Antarktika.
- M.Sc. - **W. Lesch**
Mineral composition of Powder Fly Ash (PFA).

UNIVERSITY OF THE WESTERN CAPE

- 1985 M.Sc. - **H.C. Humphreys**
The stratigraphy and structural evolution of an area north-east of Kenhardt, North-West Cape Province, with reference to the effect of late structures upon sulphide mineralisation.

UNIVERSITY OF THE WITWATERSRAND

- 1969 Ph.D. - **S. Bloch**
Surface wave dispersion in Southern Africa.
- 1971 Ph.D. - **R.D. Davies**
Geochronology and isotopic evolution of the early Precambrian crustal rocks in Swaziland.
- M.Sc. - **E.O. Kostlin**
The Rb/Sr radiometric ages of the Richtersveld Complex and neighbouring bostonite dykes.
- 1972 M.Sc. - **K.A. Eriksson**
A basin analysis of the Transvaal Sequence in the Potchefstroom synclinorium, Transvaal and Orange Free State.
- M.Sc. - **R.M.S. Falcon**
Preliminary study of the Karoo palynology in the mid-Zambezi Basin, Rhodesia.

- 1973 M.Sc. - R.J. McH. Clark
 The geology of the Roodekraal Igneous Complex,
 Potchefstroom District.
- M.Sc. - B. Milner
 A geophysical investigation of the loading of the
 Hendrik Verwoerd Dam.
- M.Sc. - W.E.L. Minter
 Sedimentology of the Vaal Reef in the Klerksdorp
 area.
- M.Sc. - S.E. Rasmussen
 Neutron activation analysis of samples from the
 Kimberley Reef conglomerate.
- 1974 Ph.D. - Ann Margaret Anderson
 Arthropod trackways from the Lower Karroo beds of
 South Africa.
- Ph.D. - D.M. Barrett
 The structure and origin of the Agulhas plateau.
- Ph.D. - A. Button
 A regional study of the stratigraphy and development
 of the Transvaal Basin in the Eastern and North-
 eastern Transvaal.
- M.Sc. - J.P. Jones
 Pegmatitic bodies in mafic rocks of the Bushveld
 Complex, Bafokeng leasehold area, Western Transvaal.
- 1975 D.Sc. - J. Ferguson
 A contribution to the geology of mafic, ultramafic
 and alkaline igneous rocks.
- Ph.D. - J.I.W. Watterson
 Instrumental neutron activation analysis and the
 classification of granites from the Bushveld Igneous
 Complex.
- M.Sc. - C.J.B. Dreyer
 The geology of the Bewaarkloof area, Pietersburg
 asbestos field.
- M.Sc. - D.G. Jeffrey
 Structural discontinuities in the Witwatersrand
 Group on the E.R.P.M. Mine: their geology,
 geochemistry and rock mechanics behaviour.
- M.Sc. - R.C.A. Minnitt
 The geology of the eastern portion of the Murchison
 Range between the Quagga Camp area and the Kruger
 National Park.
- 1976 Ph.D. - B.R. Turner
 The stratigraphy and sedimentary history of the
 Molteno Formation in the main Karroo Basin of South
 Africa and Lesotho.

- 1976 M.Sc. - P.E. Paizes
(contd) The geology of an area between Vaalkop and Aggeneys, in the vicinity of Pofadder, Northwestern Cape Province.
- M.Sc. - B.A. Wyatt
The geology and geochemistry of the Klipriviersberg volcanics, Ventersdorp Supergroup, south of Johannesburg.
- 1977 Ph.D. - K.A. Eriksson
A palaeoenvironmental analysis of the Archaean Moodies Group, Barberton Mountain Land, South Africa.
- Ph.D. - T.S. McCarthy
Geochemical studies of selected granitic terrains in South Africa.
- M.Sc. - M. Kübler
The sedimentology and uranium mineralization of the Beaufort Group in the Beaufort West-Fraserburg-Merweville area, Cape Province.
- M.Sc. - L.J. Robb
The geology and geochemistry of the Archaean granite-greenstone terrane between Nelspruit and Bushbuckridge, Eastern Transvaal.
- M.Sc. - Carol Simpson
A structural analysis of the rim synclinorium of the Vredefort Dome.
- 1978 Ph.D. - R.M.S. Falcon
A palynological comparison of Karoo sediments on opposite sides of the Rhodesian watershed with stratigraphic application.
- Ph.D. - R.J. Hart
A study of the isotopic and geochemical gradients in the old granite of the Vredefort Structure, with implications for continental heat flow.
- Ph.D. - P.A. Lilly
Deformation in the collar rocks of the Vredefort ring structure.
- Ph.D. - I.O. Norton
Plate tectonic motion between Africa and Antarctica and its influence on the morphology of the southeast Atlantic Ocean.
- Ph.D. - M.J. van der Merwe
The geology of the basic and ultramafic rocks of the Potgietersrus limb of the Bushveld Complex.
- M.Sc. - K.D. Jones
A study of seismicity in the Damara Province.

- 1978 (contd) M.Sc. - C.S. Macrae
Palaeozoic palynology of Botswana.
- M.Sc. - N. Tyler
A stratigraphic analysis of the pre-Chuniespoort-Group strata around the Makoppa Dome, West-central Transvaal.
- 1979 Ph.D. - R.C.A. Minnitt
The geological setting of porphyry-type copper mineralization in the Haib River area, South West Africa.
- Ph.D. - R. Rolle
Gamma ray fluorescence for in-situ evaluation of ore in Witwatersrand gold mines.
- Ph.D. - D. Stepto
A geological and geophysical study of the central portion of the Vredefort Dome Structure.
- M.Sc. - R.D. Lipson
Some aspects of the geology of part of the Aggeneysberge and surrounding gneisses, Namaqualand.
- 1980 Ph.D. - R.W.E. Green
A data acquisition and processing system, with application to seismological problems in Southern Africa.
- Ph.D. - T.N. Pearton
The geochemistry of the carbonate and related rocks of the Antimony Line, Murchison Greenstone Belt, with particular reference to their genesis and to the origin of stibnite mineralization.
- Ph.D. - S.M. Spottiswoode
Source mechanism studies on Witwatersrand seismic events.
- M.Sc. - O.B. Barker
A contribution to the geology of the Soutpansberg Group, Waterberg Supergroup, Northern Transvaal.
- M.Sc. - B. Krapez
A sedimentological study of the Ventersdorp Contact Reef at East Driefontein Gold Mine, Carletonville, South Africa.
- M.Sc. - M.J. Maher
A study of the gravity field in the Gordonia District.
- M.Sc. - R.F. Tucker
The sedimentology and mineralogy of the Composite Reef on Cooke Section, Randfontein Estates Gold Mine, Witwatersrand, South Africa.

- 1980 (contd) M.Sc. - **M.K.G. Whateley**
Structural controls of sedimentation in the Ecca Group in Northern Zululand.
- M.Sc. - **M.G. Wuth**
The geology and mineralization potential of the Oorschot-Weltevreden Schist Belt southwest of Barberton, Eastern Transvaal.
- 1981 Ph.D. - **M.Q.W. Jones**
Heat flow and heat reproduction studies in the Namaqua Mobile Belt and Kaapvaal Craton.
- Ph.D. - **G. Le Blanc Smith**
Genetic stratigraphy and palaeoenvironmental controls on coal distribution in the Witbank Basin Coalfield.
- Ph.D. - **L.J. Robb**
The geological and geochemical evolution of tonalite-trondhjemite gneisses and migmatites in the Barberton region, Eastern Transvaal.
- Ph.D. - **M.B. Watchorn**
The stratigraphy and sedimentology of the West Rand Basin in the Western Transvaal.
- M.Sc. - **A.N. Clay**
The geology of the Malmani Dolomite Subgroup in the Carletonville area, Transvaal.
- M.Sc. - **D.P. Stedman**
The structural geology and metamorphic petrology of Black Mountain, Namaqualand.
- M.Sc. - **E.B. Tweedie**
The geology of the Evander Basin, Southeastern Transvaal, Republic of South Africa.
- M.Sc. - **N.A. Wegerhoff**
Engineering geology and related geologic structural analysis for open pit design at Palabora Mine.
- 1982 Ph.D. - **M.A.G. Andreoli**
The amphibolite and granulite facies rocks of southern Malawi.
- Ph.D. - **B. Corner**
An interpretation of the aeromagnetic data covering portion of the Damara Orogenic Belt, with special reference to the occurrence of uraniferous granite.
- Ph.D. - **P.C.B. Horrocks**
The Precambrian geology of an area between Messina and Tshipise, Limpopo Mobile Belt.

- 1982 (contd) Ph.D. - **T.G. Longshaw**
Multispectral airborne and spaceborne imagery in the Southern African environment.
- Ph.D. - **F. Walraven**
Textural, geochemical and genetic aspects of the granophyric rocks of the Bushveld Complex.
- M.Sc. - **S.E. Greer**
The stratigraphy and sedimentology of the Potgietersrus area with particular reference to the Malmani Subgroup.
- M.Sc. - **A.J. McDonald**
Seismicity of the Witwatersrand Basin.
- 1983 D.Sc. - **C.R. Anhaeusser**
A contribution to the Archaean geology of Southern Africa with particular reference to aspects involving metallogeny, granite-greenstone belt development and crustal evolution.
- Ph.D. - **E.S. Barton**
The geochronology of the frontal zones of the Namaqua-Natal Mobile Belt.
- Ph.D. - **G. Davies**
The petrogenesis of the peripheral zone of the Rustenburg Layered Suite and associated sills between Hartbeespoort and Buffelspoort dams, Western Bushveld Complex.
- Ph.D. - **Susan Camenisch Eriksson**
Aspects of the petrochemistry of the Phalaborwa Complex, Northeastern Transvaal, South Africa.
- Ph.D. - **C.B. Smith**
Rubidium-strontium, uranium-lead and samarium-neodymium isotopic studies of kimberlite and selected mantle-derived xenoliths.
- M.Sc. - **A.H. Phillips**
The geology of the Leeupoort tin deposit and selected aspects of its environs.
- 1984 Ph.D. - **R.E.P. Fripp**
The Precambrian geology of the area around the Sand River near Messina, Northern Transvaal.
- Ph.D. - **Isabelle Paris**
The geology of the farms Josefstad, Dunbar and part of Diepgezet in the Barberton Greenstone Belt.

1984 (contd)	Ph.D.	- M.K. Watkeys The Precambrian geology of the Limpopo Belt west and north of Messina.
	M.Sc.	- C.N. Boocock Ore genesis along the Antimony Line, Murchison Range, North-eastern Transvaal.
1985	Ph.D.	- M.F. Winter Lower Permian palaeoenvironments of the northern Highveld Coalfield and their relationships to the characteristics of coal seams.
1986	Ph.D.	- J.H. Breitkopf Iron formations and associated amphibolites in the southern part of the Damaran Orogen of South West Africa/Namibia.
	Ph.D.	- B. Cairncross Depositional environments of the Permian Vryheid Formation in the East Witbank Coalfield, South Africa: a framework for coal seam stratigraphy, occurrence and distribution.
	M.Sc.	- J.A. Palmer Palaeoweathering in the Witwatersrand and Ventersdorp Supergroups.

UNIVERSITY OF ZIMBABWE (RHODESIA TO END OF 1979)

1973	Ph.D. London	C.A. Lee The petrochemistry of the Katete, Shawa and Dorowa carbonatites, Rhodesia.
	Ph.D. London	I.D.M. Robertson Metamorphism and intrusion in part of the southern edge of the Rhodesia Craton and the north margin of the Limpopo Mobile Belt.
1974	Ph.D. London	H. Gewald The mineralisation at Madziwa Mine, Rhodesia.
	Ph.D. London	J.G. Waghorn The geology of Rondonia, Western Brazil, with special reference to the tin-bearing granite complexes and placer deposits.
1975	D.Phil	- P.L. McFadden A palaeomagnetic study of Cretaceous kimberlite occurrences in the Northern Cape.
	D.Phil	- B.P.J. van Oorschot A spinner magnetometer.

- 1976 D.Phil - P. Cotterill
 The geology of the chromitite deposits of Selukwe,
 Rhodesia.
- D.Phil - L.A. Lister
London The erosion surfaces of Rhodesia.
- D.Phil - W.D. Purvis
 A detailed investigation into the genesis of
 granite-derived soils.
- D.Phil - P.A. Snowden
 The geology of the granitic terrain north and east
 of Salisbury with particular reference to the
 Chinamora Batholith.
- 1977 D.Phil - A.H. Wilson
 The petrology and structure of the Hartley Complex
 of the Great "Dyke", Rhodesia.
- M.Phil - D.J. Bowen
London The Chishanya Carbonatite Complex.
- 1978 D.Phil - K.B. Duguid
 The geology of the Karoo System in the Sabi and
 Lundi-Sabi basins.
- D.Phil - J.L. Orpen
 The geology of the south western part of the
 Belingwe Greenstone Belt and adjacent country -
 the Belingwe Peak area.
- D.Phil - V. Stocklmayer
London The geology of the area around Inyanga with special
 reference to the Umkondo Group.
- M.Sc. - L.G.B.T. Polome
 Geophysical methods of prospecting for chromite
 ore.
- 1979 D.Phil - N.H. Lockett
 The metamorphism and structural geology of the
 Dett-Kamativi area, Rhodesia.
- M.Sc. - L.A.G. Antoine
 Geophysical investigations at Dawn Mine.
- M.Sc. - K.R. Barton
 Geophysical prospecting methods for iron ore in the
 Mwanesi Range.
- M.Sc. - C.L. van Dam
 A qualitative geophysical study of the Ripple Creek
 gossan iron ore.

- 1979 (contd) M.Sc. - **B.W. Green**
High resolution seismology in prospecting for chromite ore.
- 1980 D.Phil - **M.P.R. Light**
The structure and metamorphism of the region east of Beitbridge, Zimbabwe.
- M.Sc. - **G. Nhunhamwa**
A quantitative geophysical study of iron ore boundaries at Ripple Creek iron ore claims.
- 1981 M.Phil - **B.C. Hosking**
The stratigraphy and sedimentation of the Karoo Supergroup in the mid-Zambezi Valley, Zimbabwe.
- 1982 M.Sc. - **B.J. Davies.**
Geophysical prospecting methods for graphite in the Lynx Mine area.
- M.Sc. - **J.J. Mutyorauta**
The response of nickel sulphides to geophysical exploration techniques.
- M.Sc. - **P.P. Zhou**
Gravity, magnetic and radiometric mapping of the country around Salisbury.
- 1983 D.Phil - **A. Martin**
The geology of the northern part of the Belingwe Greenstone Belt and surrounding granitoids.
- 1984 Ph.D. London - **A.J. Beasley**
The hydrogeology of the area around Nyamandhlovu, Zimbabwe.
- 1985 M.Phil - **T.H.C. Nutt**
The geology and geochemistry of the Nando and Pinkun gold deposits and their bearing on the genesis of the Venice-What Cheer Goldfield, Kadoma District.
- M.Sc. - **G.D. Collis**
Determining the depth of weathering in a granitic province using the seismic refraction method.
- M.Sc. - **R.S. Kuchocha**
Ground follow-up of an airborne electromagnetic anomaly near Mazowe Mine.
- M.Sc. - **R. Ranganai**
A gravity study of the Belingwe Greenstone Belt.
- 1986 M.Sc. - **L. Revallier**
The seismic refraction method and induced polarisation tests as a means for determining hydrological properties in a basement area.