UNIVERSITY OF THE WITWATERSRAND RETIREMENT FUND

(12/8/31841)

Statutory Actuarial Valuation
as at 1 January 2010

Valuator	Consulting Actuary
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Actuary's Report

1 Executive Summary

Results

The valuation results of the University of the Witwatersrand Retirement Fund as at 1 January 2010, compared with the results on the previous valuation date, are summarised below:

	1 January 2007	1 January 2010
Membership		
Number of active members	2 174	2 702
Number of suspended members	58	85
Number of paid-up members	52	65
Total annual salaries	R 365 181 117	R 522 309 508
Number of pensioners	34	40
Total annual pensions	R 1 058 605	R 2 047 548
Financial position		
Value of assets	R 1 172 031 774	R 1 370 838 152
Value of liabilities	R 1 143 355 190	R 1 360 149 938
Funding level	102,5%	100,8%
Surplus/Deficit	R 28 676 584	R 10 688 214

Financial position

In our opinion, the Fund was in a sound financial position as at the valuation date.

2 Introduction

We are pleased to present this statutory actuarial valuation of the **University of the Witwatersrand Retirement Fund** (hereafter called "the Fund") as **1 January 2010** ("the valuation date").

The Fund commenced on 1 January 1995 following a decision by the University of the Witwatersrand ("Employer") to establish and sponsor a private retirement fund for its employees. The Fund grew substantially following the decision of 1 666 employees to transfer to the Fund from the Associated Institutions Pension Fund ("AIPF") and the Temporary Employees Pension Fund ("TEPF").

The Fund's previous statutory actuarial valuation report was produced effective 1 January 2007. The report indicated that the Fund had a surplus at the previous valuation date of R28 676 584 and a Funding Level of 102.5%.

3 Objectives

The objectives of this actuarial valuation are:

a. to compare the value of the Fund's assets with the value of its liabilities in order to determine whether it is in a sound financial position;

b. to review the financial progression of the Fund over the valuation period;

c. to establish the balances in the Fund's reserve accounts; and

d. to enable the Trustees to apportion surplus in the Fund, if any, as required in terms of the Pension Funds Second Amendment Act 2001.

4 Valuation data

We have used the data held by the Administrators, Liberty Corporate, to value the liabilities in respect of the members of the Fund. A summary of the membership statistics is attached as Appendix 3.

The audited financial statements for the financial years ending 31 December 2007, 31 December 2008 and 31 December 2009 were also used in the statutory actuarial valuation.

Various checks were undertaken to verify the reasonability of the data, we are satisfied that the data is reasonable for the purposes of this actuarial investigation.

The Trustees should note that final accountability for the accuracy of Fund data resides with the Trustees and their appointed administrators.

Important note:

Section 16(8) of the Act requires that the Board of Trustees and the Principal Officer certify the data on which the valuator based the valuation results. Refer to Appendix 5 for more detail in this regard.

5 Experience since previous valuation date

5.1 Surplus at the previous valuation date

At the previous valuation date the Fund had a surplus of R28 676 584. The Trustees allocated R 26 803 190 of this amount to active members, and this was implemented during May 2008. Analysis of net contribution rate

The risk expenses (expressed as a percentage of pensionable salary) deducted from the contributions were as follows over the valuation period:

Net contributions		
Description	**1 January 2007**	**1 January 2010**
Employers contribution	23,50%	23,50%
Group Life Insurance (compulsory)	(0,252%)	(0,809%)
Funeral Cover	(0,102%)	(0,091%)
Spouse Life cover (optional)	(1,054%)	(1,054%)
Children's Life cover (compulsory if children)	(0,558%)	(0,557%)
Income Care (compulsory)	(1,010%)	(0,680%)
Admin fees	(0,260%)	(0,250%)
Total for retirement funding	**20,264%**	**20,059%**

5.2 Rule amendments

a. Rule amendment number 1:

The Rules were amended with effect from 1 September 2008 to clarify the investment options (risk profiles) available to members and the rules applying to such options. The amendment was registered on 20 November 2008.

b. Rule amendment number 2:

The Rules were amended with effect from 1 September 2009 as required following a compliance visit from the Financial Service Board, and to extend the term of the office of a Trustee from two to three years. The amendment was registered on 7 June 2011.

6 Investments

6.1 Net Value of Assets

The gross value of the Fund's investments was as follows on the valuation date:

Gross assets		
Investment portfolio	**Asset value**	**% of Total**
Liberty Group Limited	R 79 272 231	5.7%
SEI Market Focus Global Equity Share	R 175 878 697	12.7%
Sygnia Signature	R 69 558 651	5.0%
Stanlib Core Bonds	R 179 177 745	13.0%
Allan Gray Life Domestic Equity Portfolio	R 277 790 628	20.1%
Element Investment Managers Houseview Equity	R 218 245 528	15.8%
Oasis Crescent Shariah Compliant	R 10 871 133	0.8%
Prudential Money Market	R 75 976 940	5.5%
Investec Triple Alpha	R 150 952 416	10.9%
Corontaion Houseview Equity	R 143 088 972	10.5%
Gross assets as at 1 January 2010	**R 1 380 812 939**	**100%**

The Fund's net assets as at 1 January 2010 comprise the value of investments adjusted for accruals at that date (e.g. contributions in respect of the valuation period received after the valuation date, outstanding benefit payments, outstanding expenses, etc.). The net assets at the valuation date were as follows:

Value of net assets			
Gross assets as at 1 January 2010			**R 1 380 812 939**
Plus:	Late receipts	R 3 300 715	
Minus:	Unclaimed Benefits	(R 1 332 370)	
	Late payments	(R 11 943 132)	
Net assets as at 1 January 2010			**R 1 370 838 152**

The Fund's assets are notionally separated between assets in respect of the active members and assets in respect of the pensioners.

6.2 Pensioner Assets

The assets in respect of the pensioner members are not separately ring fenced, but are invested with the other assets of the Fund.

However, in previous valuations the pensioner assets have been notionally separated from the remaining assets, and built-up using investment returns and the actual transactions (e.g. pension payments, reinsurance recoveries) relating to the pensioners. We have therefore built-up the assets in respect of the pensioners as follows (using the returns in respect of the Conservative Channel):

Value of net Pensioners assets			
Opening balance as at 1 January 2007			**R 9 214 935**
Plus:	Investment returns	R 3 468 955	
	Reinsurance recoveries	R 10 288 495	
Minus:	Pensions paid	(R 5 686 256)	
Net assets as at 1 January 2010			**R 17 286 128**

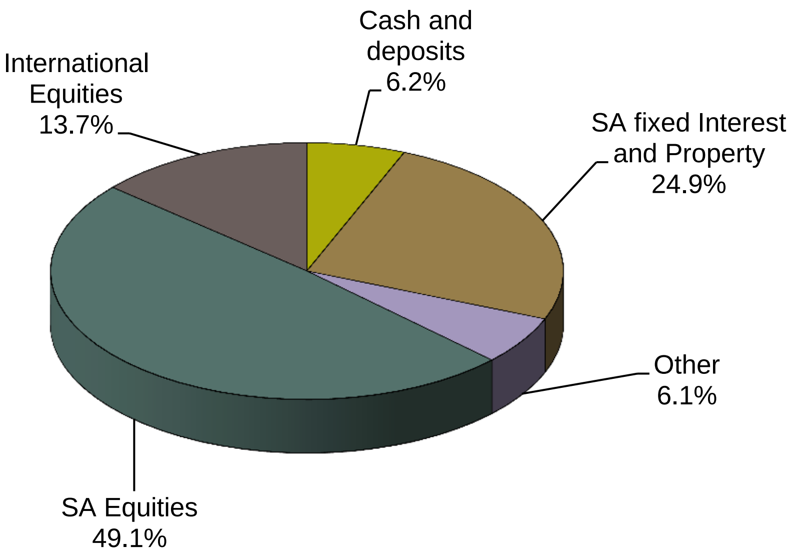
6.3 Method of valuation of assets

The market values of the investment portfolios were used. We consider this method compatible with the method used to establish the value of the Fund's liabilities, as these values are used to determine asset returns.

6.4 Investment portfolios and composition

The asset composition for the portfolios consists out of cash, bills, properties and equities.

The chart below shows the distribution of the assets in the investment portfolios between the different asset classes.



6.5 Investment returns

The investment returns of all the risk portfolios of the Fund are indicated in the table below. The returns are net of investment costs and tax, and represent the net annualised return earned by the Fund between 1 January 2007 and 1 January 2010.

Net Investment Returns	
Risk profile	**Net return**
Growth	7,4% pa
Conservative	9,5% pa
Capital Protection	8,8% pa
Shari'ah	3,6% pa

Money invested during the period will earn a different return, based on the movement in the declared fund interest rates over the relevant periods of investment. Each member will have a unique overall return based on his/her initial value and monthly investments.

6.6 Investment strategy

The assets of the Fund are invested in pooled investment portfolios. See section 6.1 for a detailed breakdown.

The Fund's underlying investments, considered holistically, comprise a broad mix of equities, bonds, property, cash and offshore assets.

Given that almost all the liabilities are defined contribution in nature, and that liabilities will fluctuate upwards or downwards in line with investment earnings, there is no danger of the Fund's solvency being endangered owing to negative investment earnings.

The Trustees have selected the investments with due regard to the nature of the Fund's liabilities and the expectations of members.

The Fund's liability profile is analysed by quinquennial age band in Appendix 3 of this report. This analysis gives some insight into the nature of the Fund's liabilities, and indicates that the vast bulk of the liabilities are long term in nature. The chosen investments would appear to be within the bounds of acceptability taking into account the average nature and term of the Fund's liabilities.

Members have the choice of investing in the Capital Growth, the Conservative, the Capital Protection or the Shari'ah Option (or a combination of these options).

7 Liabilities

7.1 Active members

The liabilities in respect of active members used were received from the administrator. Reasonability checks were performed and we are satisfied that the liabilities are a true reflection as at that date.

The Fund's liabilities comprise with the total of the accumulated member credits as at 1 January 2010. The total amount in respect of the member liabilities amounted to R 1 345 696 097 at the valuation date.

The total liabilities are summarised as follow:

Liabilities in respect of members		
Description	**1 January 2007**	**1 January 2010**
Active members	R 1 090 456 377	R 1 292 443 109
Paid-up members[1]	R 30 022 359	R 42 275 049
Suspended members[2]	R 15 534 913	R 11 250 939
Total	**R 1 136 013 649**	**R 1 345 969 097**

The detailed liabilities per risk profile can be found in appendix 3.

1 Paid-up members are members for whom contributions have been discontinued prior to retirement and have been granted a benefit payable on his or her retirement date.

2 Suspended members are members who have been on a contribution holiday or temporary leave and were not paying contributions at the valuation date.

7.2 Pensioners

The Fund has a liability in respect of 12 spouses and 28 children in receipt of death in service pensions at the valuation date.

Pensions in payment were increased by 19.4% (double check this) during the valuation period.

Pensioners				
Description	**1 January 2007**		**1 January 2010**	
	Children	Spouses	Children	Spouses
Number	26	8	28	12
Total Liabilities	R 3 640 786	R 3 489 725	R 5 786 443	R 8 031 613
Annual Pension	R 673 004	R 385 601	R 849 341	R 906 679

7.3 Solvency reserve

Build-up of solvency reserve	
Opening balance on 1 January 2007	R 211 030
Investment return	R 65 841
Strengthening of the solvency Reserve	R 85 913
Closing balance on 1 January 2010	**R 362 785**

8 Financial position

We have notionally separated the assets and liabilities in respect of the active members and pensioners of the Fund.

8.1 Active members

The financial position of the active members of the Fund at the current and previous valuation dates can be summarised as follows:

Active Members Financial Position		
Assets	**1 January 2007**	**1 January 2010**
Market value of assets	R 1 200 320 632	R 1 366 674 804
Accounts receivable	R 369 539	R 152 720
Benefits due	(R 11 751 397)	(R 9 882 172)
Unclaimed benefits	(R 1 962 370)	(R 1 332 370)
Accounts payable	(R 24 159 565)	(R 2 060 960)
Net Assets	R 1 162 816 839	R 1 353 552 022
Liabilities		
Actives Members' shares of fund	R 1 090 456 377	R 1 292 443 109
Suspended Members' shares of Fund	R 15 534 913	R 11 250 939
Paid-up Members' shares of Fund	R 30 022 359	R 42 275 049
	R 1 136 013 649	R 1 345 969 097
Surplus / Deficit	R 26 803 190	R 7 582 925
Funding Level	102.3%	100.6%

8.2 Pensioners

The financial position of the pensioners of the Fund at the current and previous valuation dates can be summarised as follows:

Pensioners Financial Position		
Description	**1 January 2007**	**1 January 2010**
Assets	R 9 214 935	R 17 286 130
Liabilities		
Pensioners	R 7 130 511	R 13 818 056
Solvency Reserve	R 211 030	R 362 785
	R 7 341 541	R 14 180 841
Surplus / Deficit	R 1 873 394	R 3 105 289
Funding Level	125.5%	121.9%

8.3 Combined summary of financial position at the valuation date

Net Financial Position		
Description	**1 January 2007**	**1 January 2010**
Assets		
Members	R 1 162 816 839	R 1 353 552 022
Pensioners	R 9 214 935	R 17 286 130
Total assets	**R 1 172 031 774**	**R 1 370 838 152**
Liabilities		
Members	R 1 136 013 649	R 1 345 969 097
Pensioners	R 7 130 511	R 13 818 056
Solvency reserve	R 211 030	R 362 785
Total liabilities	**R 1 143 355 190**	**R 1 360 149 938**
Surplus / Deficit	R 28 676 584	R 10 688 214
Funding Level	102,5%	100,8%

8.4 Analysis of change in financial position at the valuation date

The Fund had a surplus of R28.7 million at the previous statutory actuarial valuation as at 1 January 2007. The Fund has a surplus of R 10 688 214 at the current valuation date. The change in the funding position can be explained as follows:

Analysis of surplus	
Description	**Impact on surplus**
Surplus as at 1 January 2007	R 28 676 584
Allocation to members as at 1 January 2007	(R 26 803 190)
Surplus after allocation to members	R 1 873 394
Investment return on the surplus	R 740 344
The liabilities in respect of new widow/ers and children's pensions exceeded the reinsurance recoveries by R 112 957. This created a strain in the Fund.	(R 112 957)
The discount rate changed from 2,6% per annum to 3,2% per annum. The change in the assumptions resulted in a surplus of R 416 640.	R 416 640
The actual return in respect of the pensioner assets implies that the Fund could afford an increase of 21% over the valuation period, but the actual increase given to members was 19,4%. The smaller than expected increase resulted in a surplus of R193 981.	R 193 981
Strengthening of the Solvency Reserve	(R 85 913)
Differences between investment returns allocated to members and investment returns earned by the Fund.	R 7 662 725[3]
Surplus as at 1 January 2010	**R 10 688 214**

[3] There is a 3 to 4 day delay between the investment returns generated by the Fund and the returns allocated to members. Therefore, in rising (falling) markets, we expect the value of the assets to exceed (fall short of) the value of members liabilities. The surplus therefore exists fleetingly due to timing differences. This item also includes the effect of approximations and small miscellaneous gains and losses. It amounts to 0,01% per annum of the value of the assets.

9 Surplus apportionment

9.1 Requirements of the Act

Section 15C of the legislation states the following:

- The Rules may determine any apportionment of actuarial surplus arising in the Fund after the surplus apportionment date between the member surplus account and the employer surplus account.
- If the Rules are silent on the apportionment of actuarial surplus arising after the surplus apportionment date, any apportionment shall be determined by the board taking into account the interests of all the stakeholders in the Fund: Provided that, notwithstanding anything to the contrary in the Rules, neither the employer nor the members may veto such apportionment.

9.2 Recommendations

Based on the notional division of the assets between the active members and the pensioners, the surplus in respect of the active members and pensioners amounted to R 7 582 925 and R 3 105 289 respectively at the valuation date.

We recommend that the Board of Trustees consider the following:

a. Active Members

There is a 3 to 4 day delay between the investment returns generated by the Fund and the returns allocated to members. Therefore, in rising (falling) markets, we expect the value of the assets to exceed (fall short of) the value of members liabilities. The surplus therefore exists fleetingly due to timing differences.

The Trustees should note that there is no legal requirement to allocate the entire surplus which has been identified in this valuation. The surplus may remain unallocated in the Fund until such time as the Trustees are ready to make a decision on the distribution of the surplus.

Therefore, we recommend that the “surplus” in respect of active members is left unallocated in the Fund. The Trustees should review the surplus upon completion of the statutory actuarial valuation as at 1 January 2013. It is not impossible that the surplus had already been automatically distributed via the pricing methodology.

b. Pensioners

The surplus in respect of the pensioners increased from R 1 873 394 at the previous valuation date to R 3 105 289 (i.e. funding level of 121.9%) at the current valuation date. The main reason for the increase was the increase in the discount rate from 2,6% p.a. to 3,2% p.a.

There is no reason why the active members should share in this part of the surplus. The Trustees can consider utilising part of the surplus to fund a more generous pension increase at the next pension increase date. However, in light that the Fund self-insures the pensions, we would recommend that the Trustees exercise prudence and reserve the majority of the surplus to cover the risk, or alternatively to review the self-insurance arrangements.

10 Comments and conclusions

10.1 Financial position as at 1 January 2010

The analysis has revealed that the Fund is in a sound financial position.

There was a surplus in the Fund as at 1 January 2010, and the Funding Level was 100.8%.

10.2 Appropriateness of assets

The Registrar requires the actuary, at each triennial valuation, to express an opinion on the suitability of the Fund's assets to its liabilities. We are satisfied that the Registrar's requirements regarding the suitability of the Fund's assets to its liabilities are met.

10.3 Financial soundness

The actuarial valuation of the Fund has revealed that the Fund was in a sound financial position at the valuation date.

W Kritzinger, B.Sc, FASSA, FIA

In my capacity as Valuator of the Fund and employee of Simeka Consultants & Actuaries

Pieter Gericke, B.Com.Hons, FASSA, FIA

In my capacity as Consulting Actuary and employee of Simeka Consultants & Actuaries

27 February 2012

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FAIS registration number: 13900

Appendices

1 Benefits and Contributions

A summary of the principal benefits is given below. Full details are contained in the registered Rules of the Fund.

1.1 Normal retirement age

All members: 65

1.2 Retirement benefits

The benefit is a pension as can be secured by the retiring Member's Share of the Fund. The Trustees, at the request of the retiring member, may permit this pension to be either wholly or partially commuted for a cash lump sum.

The Member's Normal Retirement Date is the last day of the month in which the Member attains the age of 65 years.

Early retirement is permitted following attainment of age 55, or earlier in the case of ill health, subject to the consent of the Employer.

1.3 Benefit on withdrawal

A cash benefit equal to the exiting Member's Share of the Fund – irrespective of the reason for leaving the University's service.

1.4 Benefits on death

The benefit is a pension as can be secured by the greater of:

(a) The Member's Share of the Fund; or

(b) Twice the Member's annual Fund Salary at date of death.

The Trustees, at the request of the deceased Member's dependants, may permit this pension to be either wholly or partially commuted for a cash lump sum.

The Spouse's Benefit (voluntary) provides a spouse's pension of 40% of Fund Salary on the death of the Member payable until the date when the Member would have attained age 65 (60 in the case of members who died before 1 December 2004.)

The Children's Benefit (compulsory unless a Member states that he or she has no Child, and therefore does not require this benefit) provides a child's pension of 20% of Fund Salary per child (maximum 2 children) on the death of the Member.

1.5 Contribution Rates

Members: Nil

Employer: 23.5% of Fund Salary each month less any contributions paid in respect of the separate disability income and funeral insurance.

2 Assumptions

The Fund's pays pensions on death in service to the widow/ers and children of members who died whilst in service of the Employer. These pensions cease once the widow/ers reach the normal retirement age of the deceased member.

The paragraphs below set out the approach we have followed to set the assumptions for the valuation of the liability in respect of the widow/ers and children's' pensions.

2.1 General

In placing a value on the liabilities of the Fund, we try as far as possible to make realistic long-term assumptions. PF Circular 117 stipulates that "best estimate" assumptions should be used to determine the financial position of the Fund. These best estimate assumptions must be:

- realistic;
- guided by past experience and be modified by any future expectations; and
- include no deliberate margins of conservatism.

The best estimate assumptions used to place a value on the liabilities of the Fund are very important and are discussed and set out in this Appendix. The assumptions should be seen collectively and not in isolation.

It should be borne in mind that the valuation results are merely an estimate of the costs of the Fund and cannot influence the actual costs of benefits provided by the Fund. The actual costs will be determined by the experience of the Fund.

2.2 Pension increases

The Rules make provision for the Fund to increase pensions after retirement with the consent of the principal employer and after consultation with the actuary. The average increase in a pension from the commencement of the pension may not exceed 20% p.a. without approval from SARS.

In the previous valuation an interest rate of 2.6% per annum was used for the period after retirement to make provision for targeted pension increases of 100% of inflation. This implies that the annual return on the investments above 2.6% held in respect of pensioners can be used to increase pensions. If, for example, the investment return in a particular year was 8%, pensions could be increased by up to 5.4% in that year.

In line with the market value basis used, we have used a market related rate for the assumption with respect to an appropriate discount rate after retirement. This discount rate was determined as follows:

Bond yields	:	9,4%
Inflation rate	:	6,2%
Target pension increase	:	6,2% (that is, 100% x 6,2%)
Discount rate	:	3,2% per annum (that is, the bond yield – target increase)

2.3 Mortality before retirement

We have assumed nil pensioner mortality up to the age at which pensions will cease according to the Rules of the Fund.

2.4 Mortality after retirement

No assumptions regarding mortality after retirement were made, as the pensions cease once widows/ers reach the deceased members' normal retirement ages or in the case of child pensions until age 25.

3 Membership and salary statistics

Active Members as at 1 January 2010			
Age groups	**Number of Members**	**Liabilities**	**% of total**
< 25	42	R 928 266	0.1%
25 – 29	220	10 484 738	0.8%
30 – 34	334	43 139 764	3.3%
35 – 39	372	88 622 366	6.9%
40 – 44	396	120 981 167	9.4%
45 – 49	377	159 730 817	12.4%
50 – 54	359	243 453 341	18.8%
55 – 59	314	292 517 413	22.6%
> 60	288	332 585 236	25.7%
Total	**2 702**	**R 1 292 443 109**	**100%**

Active member liabilities per risk profile	
Risk profile	**Liabilities**
Growth	R 1 206 664 151
Conservative	30 482 809
Capital protection	44 787 072
Shari'ah	10 509 077
Active member liabilities as at 1 January 2010	**R 1 292 443 109**

Build-up of active membership		
		Total
Members as at 1 January 2007 (excluding paid-up and suspended members)		2 174
Plus:	New entrants	1 253
	Adjustments	10
Less:	Withdrawals	(569)
	Retirements	(140)
	Deaths	(26)
Active members as at 1 January 2010		**2 702**

Suspended Members as at 1 January 2010			
Age groups	**Number of Members**	**Liabilities**	**% of total**
25 – 29	6	R 270 248	2.4%
30 – 34	7	1 149 947	10.2%
35 – 39	5	1 406 153	12.5%
40 – 44	5	1 616 774	14.4%
45 – 49	1	403 566	3.6%
50 – 54	7	4 859 575	43.2%
55 – 59	2	273 530	2.4%
> 60	52	1 271 146	11.3%
Total	**85**	**R 11 250 939**	**100%**

Suspended member liabilities per risk profile	
Risk profile	**Liabilities**
Growth	R 9 581 695
Capital protection	1 669 244
Active member liabilities as at 1 January 2010	**R 11 250 939**

Paid-Up Members as at 1 January 2010			
Age groups	**Number of Members**	**Liabilities**	**% of total**
25 – 29	1	R 223 013	0.5%
30 – 34	7	1 081 562	2.6%
35 – 39	6	1 638 820	3.9%
40 – 44	6	1 566 583	3.7%
45 – 49	8	4 118 212	9.7%
50 – 54	10	3 366 035	8.0%
55 – 59	18	13 249 740	31.3%
> 60	9	17 031 084	40.3%
Total	**65**	**R 42 275 049**	**100%**

Paid-up member liabilities per risk profile	
Risk profile	**Liabilities**
Growth	R 39 991 409
Capital protection	1 911 513
Shari’ah	372 127
Active member liabilities as at 1 January 2010	**R 42 275 049**

Pensioners and Pension statistics				
Date	**Spouses**		**Children**	
Date	Number of Pensioners	Annual Pension	Number of Pensioners	Annual Pension
1 January 2007	8	R 385 601	26	R 673 004
1 January 2010	12	R 906 679	28*	R 1 140 869

*This excludes 11 suspended members, whose pensions have been suspended since the previous valuation.

Build-up of Pensioners			
	Widow/ers	**Children**	**Total**
Pensioners as 1 January 2007	8	26	34
Plus: New pensioners	5	20	25
Less: Pensions ceased	(1)	(18)	(19)
Pensioners as at 1 January 2010	**12**	**28**	**40**

4 Fund Account

Build-up of Assets from 1 January 2007 to 1 January 2010		
Net value of assets as at 1 January 2007		**R 1 172 031 774**
Prudential	664 308 714	
Stanlib	400 716 098	
Liberty Group Limited	144 310 347	
Net current liabilities	(37 303 385)	
Plus : Income		**R 572 620 327**
Regular contributions	307 001 676	
Net investment income	241 939 586	
Transfers received	13 390 570	
Reinsurance proceeds	10 288 495	
Less: Expenditure		**R 373 813 949**
Benefits paid	342 679 285	
Re-insurance premiums	22 336 740	
Administration and related costs	6 253 667	
Transfers to other funds	2 544 257	
Net value of assets as at 1 January 2010		**R 1 370 838 152**

Net assets as at 1 January 2010		
Value of investments as at 1 January 2010		**R 1 380 812 939**
Investment portfolios (see section 6.1)	1 380 812 939	
Plus : Net current assets		(R 9 974 787)
Current Assets	3 300 715	
Unclaimed benefits	(1 332 370)	
Late payments	(11 943 132)	
Net value of assets as at 1 January 2010		**R 1 370 838 152**

5 Certificate of correctness of data

In terms of section 16(8) of the Pension Funds Act, in respect of the actuarial valuation of the University of the Witwatersrand Retirement Fund carried out as at 1 January 2010, we hereby certify that to the best of our knowledge and belief, the information as used by the valuator was correct and complete in every material respect. The employers provided the data to the administrator, and after an audit process, it was provided to the valuator. No uncertainties or ambiguities in the data were reported to the Board of Trustees for attention, other than those described in this valuation report.

Signature ______________________________

Name in print ______________________________

Capacity Chairperson of the Board of Trustees

Date ______________________________

Signature ______________________________

Name in print ______________________________

Capacity Principal Officer of the Fund

Date ______________________________

6 Certificate of appropriateness of assets

I hereby certify that I have investigated the assets and liabilities of the University of the Witwatersrand Retirement Fund as at 1 January 2010 and that I am satisfied that the assets are appropriate given the nature of the liabilities of the Fund.

Willie Kritzinger, B.Sc., FIA, FASSA

In my capacity as Valuator of the Fund and employee of Simeka Consultants & Actuaries

20 February 2012

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