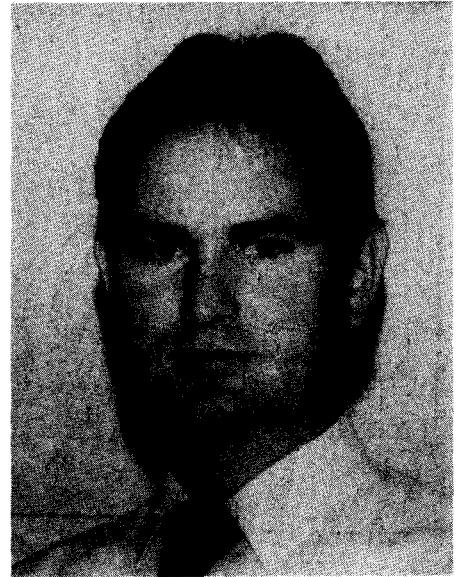


Introducing new Council members

Mr D. Wilson was born in Vereeniging, where he also completed his schooling, matriculating from General Smuts High School in 1977. He furthered his studies at the Vaal Triangle Technikon in Vanderbijlpark, completing the Higher National Diploma in Metallurgical Engineering in 1982, and is at present doing his Master's Diploma in Technology: Metallurgical Engineering. He began his working career at Dorbyl Heavy Engineering: Broderick Works, after which he joined the Union Steel Corporation in 1980 as Metallurgical Assistant. He has held various positions within the Corporation's Steel Division and is currently Manager: Material Evaluation, where he is a member of the Quality Assurance team.

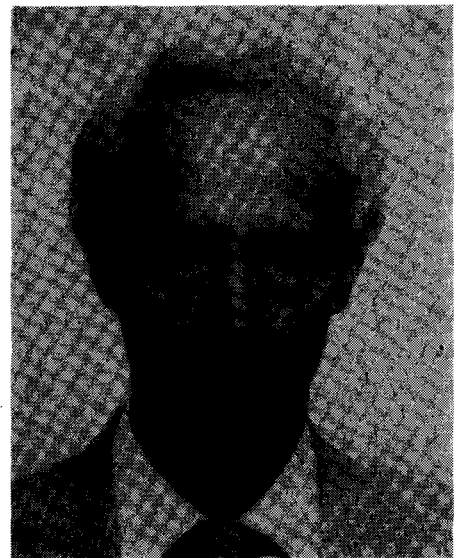
He lives in Vereeniging, where he is an active member of the Vaal Triangle Branch of the Institute. He has served on the Branch Committee since its inauguration and was Branch Chairman in 1987/1988.

He currently serves on Council as an elected member representing non-corporate members. He is the Institute's representative on the general committee of the Affiliation of Societies Representing Engineering Technicians (ASRET) and is also a member of the Executive Committee of ASRET.



Mr K.A. van Gessel was born in 1937. His final studies were conducted at Delft University, where he graduated with an M.Sc. degree in mining engineering.

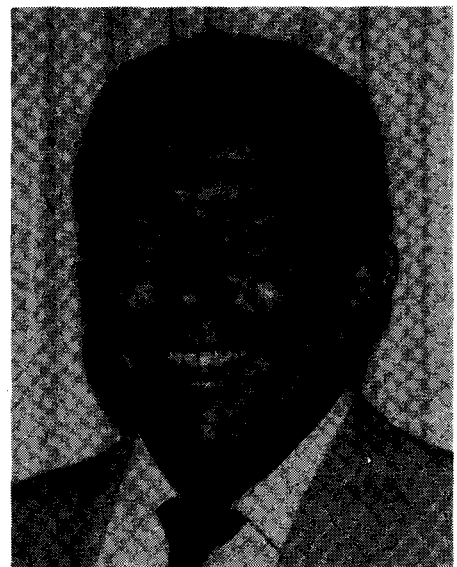
He emigrated to South Africa in 1963, and started work at Welkom Mine. He was transferred to Western Holding Mine in 1974, and was appointed Manager at Western Holdings in 1980. He is now Consulting Mining Engineer at the head office of Anglo American Corporation.



Mr J.G. McCallum was born in 1938 and matriculated at Jeppe Boys' High School, Johannesburg. He joined Anglo American Corporation in 1956 as an Official Learner at President Brand. In 1969, he obtained a mine manager's certificate, and was later transferred to Head Office as assistant to the Consulting Engineer. In 1976, he was transferred to Western Deep Levels as Production Manager, and the following year was seconded to Wankie Colliery, Rhodesia, as Assistant General Manager. After being transferred back to South Africa as Assistant General Manager at President Brand, he moved to Free State Geduld Mine as Manager, a post that he still holds.

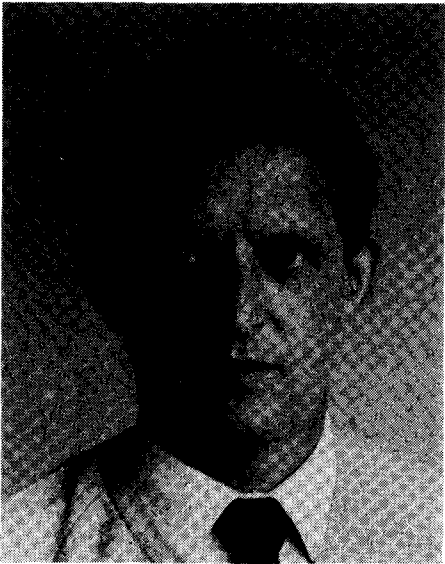
He is a member of the Association of Mine Managers, at present serving on their Council.

He is married to Louise, and they have a son and a daughter.





Mr H. Scott Russell started his mining career at Randfontein Estates Gold Mining Co. Witwatersrand, Limited, where he served as temporary Geological Assistant, Sampler, Surveyor, Shift Boss, and Mine Overseer. In 1964, he went to Consolidated Murchison Limited as Mine Overseer. This was followed by spells at Western Areas Gold Mining Company Limited as Workstudy Officer, Mine Overseer, and Underground Manager; at Elsburg Mining Company Limited as Underground Manager and Acting Manager Mining; at Western Areas Gold Mining Company Limited as Manager Mining and Acting Mine Manager; at Rustenburg Platinum Mines Limited as Mine Manager; and at Johannesburg Consolidated Investment Co. Ltd as Consulting Engineer, Director—JCI, and Managing Director—Technical Services Division. In 1981, he became an Executive Director of JCI, a position that he still holds. He is responsible for all technical matters, training, and manning of the Group's gold, platinum, coal, and base-metal mines; geological exploration and metallurgical research; mine security and buying department; and all projects with respect to new mines, refineries, etc.

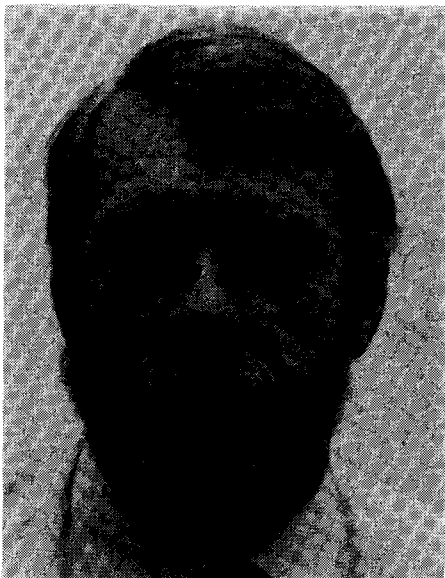


Mr A.M.P. Henderson was born in 1950, in Kiel, West Germany. His schooling, begun in Hong Kong, was completed in England. In 1972, he graduated from the University of Leeds with a B.Sc. degree.

He emigrated to South Africa in the same year to work for Anglo American in gold-extraction metallurgy. His subsequent career moves included working in the aluminium and copper industries.

In 1980, he joined Middelburg Steel & Alloys as Senior Metallurgist in the Materials Science Department, and now holds the position of Head of Mechanical Metallurgy with responsibility for physical testing and the development of deformation and forming metallurgy of stainless steels. He is a member of the South African Institute of Welding.

He is married, with 3 children.



Mr J.L. Nel matriculated in 1957. This was followed by his attainment of the following degrees: B.Sc. (Chemistry, Physics) in 1961, B.Sc. Hons. (Metallurgy) in 1965, M.Sc. (Metallurgy) in 1967, and MDD (student of the year) in 1981.

His career started in the Metallurgy Department of the South African Bureau of Standards in 1962. From there he moved to the construction industry, first with Technique Jean Prove and then in his own business. From 1975 to 1985 he served as Superintendent at Iscor's Newcastle Works, later becoming Project Engineer and Manager Technology and Quality Assurance. He is now Divisional Manager Research and Development.

He is a member of the South African Aloe and Succulent Society, and served on the City Council of Newcastle as Councillor, Chairman of the Finance and General Purposes Committee, and Mayor. He is an Executive Member of the Natal Municipal Association.