

REFERENCES

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Acocks, J.P.H., 1988. Veld types of South Africa. Memoirs of the Botanical Survey of South Africa.

ANC, 1994. Reconstruction and development programme.

- Banwart, S., Gustaffsson, E., Laaksoharju, M., Nilsson, A., Tullborg, E., Wallin B., 1994.
 Large-scale intrusion of shallow water into vertical fracture zones in crystalline bedrock: Initial hydro-chemical pertubation during tunnel construction at the Aspo Hard Rock Laboratory, southeastern Sweden., Water Resources Research., vol. 30, no.6, p 1747 1763.
- Baweja, B.K., Raju, K.C.B., 1984. Ground-water potential of hard rock areas in the Noyil, Amaravati and Ponnani Basins, South India. Groundwater in hard rocks, Project 8.6 of the International Hydrological Programme, Unesco.
- Bear, J.1979. Hydraulics of Groundwater. Israel: Mcgraw--Hill. pp.442.
- Botha, F.S., van Rooy, J.L. & Croucamp, L.,1997. Waterbestuur: Multi-Disiplinere benadering op die Nebo Graniet Suite, Noordelike Provinsie., Proceedings of Geology for Engineering, Urban Planning and the Environment Conference.
- Bredenkamp, D.B., Janse van Rensburg, H, van Tonder, G.J. & Botha, L.J., 1994. Manual on quantitative estimation of the groundwater recharge and aquifer storativity, Progress report to the WRC, Pretoria.
- Cavallin, C., Giuliano, G.,1992. A procedure for evaluating aquifer vulnerability on a regional scale using computerized systems, a case study, ITC Journal 1992-2, p 152 158.
- Combrinck, M., 1999. Integrated approach to groundwater exploration on the Lebowa Granite Suite. Unpublished M.Sc, Faculty of Science, University of Pretoria.
- Cook, K.1996. Engineering geological investigation on the Nebo Plateau., Honours project, University of Pretoria.
- Croucamp, L. 1996. An engineering geological geographic information system for landuse planing in South Africa, M.Sc. In the faculty of Sciences, University of Pretoria.
- Davis, G.H., Reynolds, S.J., 1996. Structural geology of rocks and regions, Second Edition. John Wiley & Sons Inc., p 493 563.
- Davis, J., Garvey, G.,1993. Wood, M., Developing and Managing Community water supplies., Oxfam Development Guidelines No.8, ISBN 085598193 8 paperback.
- Dijon, R.,1984. Ground-water exploration in precambrian rocks of northern Cameroon. Ground water in hard rocks, Project 8.6 of the international hydrological programmme, Unesco, p. 171 -173.
- Donker, N.H.W.,1992. Automatic extraction of catchment hydrological properties from digital elevation data, ITC Journal 1992 3, p. 257 265.
- DWAF, 1997. Minimum Standards and Guidelines for Groundwater Resource Development for the Community Water Supply and Sanitation Programme. South Africa.
- DWAF, 1998. Quality of Domestic Water Supplies. Volume 1: Assessment Guide. 2nd edn. South Africa.



DWAF, 1999. Water Management Areas. Map published by DWAF.

- ESRI, 1998. Arcview GIS. The Geographic Information System for Everybody. Printed in the United States of Amarica.
- Fourie, A.B., van Reyneveld, M.B.,1994. Environmental impact of on-site sanitation: A literature review with particular application to South Africa., Report to the WRC by the University of the Witwatersrand, Department of Civil Engineering., WRC Report No KV 57/94.
- Fourie A.B., van Reyneveld, M.B., 1995. The fate in the subsurface of contaminants associated with on-site sanitation: A review., Water SA, vol.21, No. 2, April 1995, p. 101 -110.
- Genthe, B., Seager, J.,1996. The effect of water supply, handling and usage on water quality in relation to health indices in developing countries., Report for the WRC, Report No. K5/562
- Hansmann, B.C., Meijerink, A, M, J., Kodituwakku, K.A.W., 1992. An inductive approach for groundwater exploration., ITC Journal, p. 269 276.
- Harman, J., Robertson, W.D., Cherry, J.A., Zanini, L.,1996. Impacts on a sand aquifer from an old septic system: Nitrate and Phosphate., Ground Water, vol 34, No.6.
- Hoffmann, C.,1997. Strukturele studie van die Nebo Graniete., Departement Geologie Universiteit van Pretoria.
- Kirchner, J, van Tonder, G.J., 1995. Proposed guidelines for the execution, evaluation and interpretation of pumping tests in fractured-rock formations., Water SA, vol. 21, no. 3, July.
- Kruseman, G.P, De Ridder, N.A., 1991. Analysis and Evaluation of Pumping Test Data. (2nd edn). International institute for land reclamation and improvement, Wageningen, The Nederlands.
- Larsson, I.,1981. Ground water investigations in a granite area of Sandina, Italy., Report by UNESCO, Reg. Office for Science and Technology for South and Central Asia, New Delhi., 1981., p. 17 - 25.
- Larsson, I., 1984. Ground water in Hard rocks, Project 8.6 of the International Hydrological Programme.
- Lapidus, D..F., 1990. Collins dictionary of Geology, p. 281, 1990
- Neuman, S.P., 1972. Theory of flow in unconfined aquifers considering delayed response of the watertable. Water Resour. Res. 8, p. 1031 1041.
- Odgers, A.T.R. and du Plessis, A., 1989. Interpretation of a regional reflection seismic survey in the north-eastern Bushveld complex, Geological survey of South Africa, 1989, p 125 –129.
- Palmer, I., Eberhard, R.,1995. Evaluation of water supply to developing urban communities; Summary report., Report to the WRC by the Palmer development group., Report No. KV 73/95.
- SACS, 1980. Stratigraphy of South Africa. Handbook 8. Part 1: Lithostratigraphy of the Republic of South Africa, South West Africa/Namibia and the Republics of Bophuthatswana, Transkei and Venda., Geological Survey, Government Printer.
- Schwellnus, J.S.I, Engelbrecht, L.N.J., Coertzee, F.J, Russel, H.D., Malherbe, S.J., Van Rooyen, D.P., Crooke, R.,1962. The Geology of the Olifants River area, Transvaal. An explanation of sheet 2429B (Chuniespoort) and 2430A (Wolkberg),



Department of Mines, Geological Survey.

- Schoeman, G.1997. The development of programmes to Combat diffuse sources of water pollution in residential areas of developing communities., Report to the WRC by Afroscearch-Idex, WRC Report No. 519/1/97.
- Sanwerakamtorn, R., 1994. GIS and hydrological modeling for the management of small watersheds., ITC Journal, p. 343 348.
- Taylor, G.C., Roy, A.K., Sett, D.N., 1955. Ground water geology of the Pali Region, Jodpur Division, Western Rajasthan, India. Geological Survey of India, Bull. no.6, ser. B, p 21.
- Taylor, G.C,Jr.,1984. Ground-water development in the upper precambrian metamorphic rocks of the Alto Rio Paraguai Basin, Mato Grosso, Brazil. Ground water in hard rocks, Project 8.6 of the international hydrological programmme, Unesco, p. 165 -170.
- Terblanche, A.P.S., 1991. Health hazards of nitrate in drinking water. Water SA, Vol. 17, no.1, p. 72 82.
- Valish, A.K., Gyani, K.C., 1998. Fluorisis the chronic menace and its remedial measures -A case study form Rajastan, India, Cogeoenvironment newsletter 13, July 1998
- Van Riet, W.F., Slabbert, S.A., 1996. The ability of catchment basins to supply the water demand of rural and urban areas. Report to the WRC by the GISLAB, University of Pretoria, WRC Report no 680/1/96.
- Van Schalkwyk, A., 1996. Guidelines for the estimation of domestic water demand of developing communities in the Northern Transvaal., Report to the WRC by Water Systems Management., WRC Report No. 480/1/96
- Van Tonder, G.J., 1999. Personal Communication.
- Van Tonder, G.J., Yongxin, X., 1999. A guide for the interpretation of pumping tests and estimation of sustainable yields of boreholes in fractured-rock aquifers. Technical Report no.GH3827, DWAF.
- Weinhart, H.H., 1980. The natural road construction materials of Southern Africa. Academia, Cape Town, p. 19-34.
- Wolff-Piggott, B., 1995. Demonstrating the potential of GIS technology in the hyrosalinity of modelling trough interfacing the disa model and a GIS., Report to the WRC by the Institute for Geographic Analysis, University fo Stellenboch, WRC Report No 588/1/95.
- WRC, 1993.Guidelines on the cost effectiveness of rural water supply and sanitation projects. Report to the WRC by the division of water technology, CSIR, WRC Report No 231/1/93.
- Yaser, A.B., Radwan, 1995. M.M., Preliminary design of a decision support system for watershed management, ITC Journal 1995 -1, p. 23 - 28.