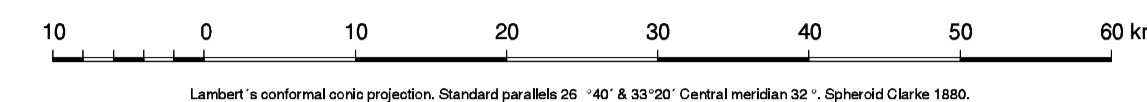


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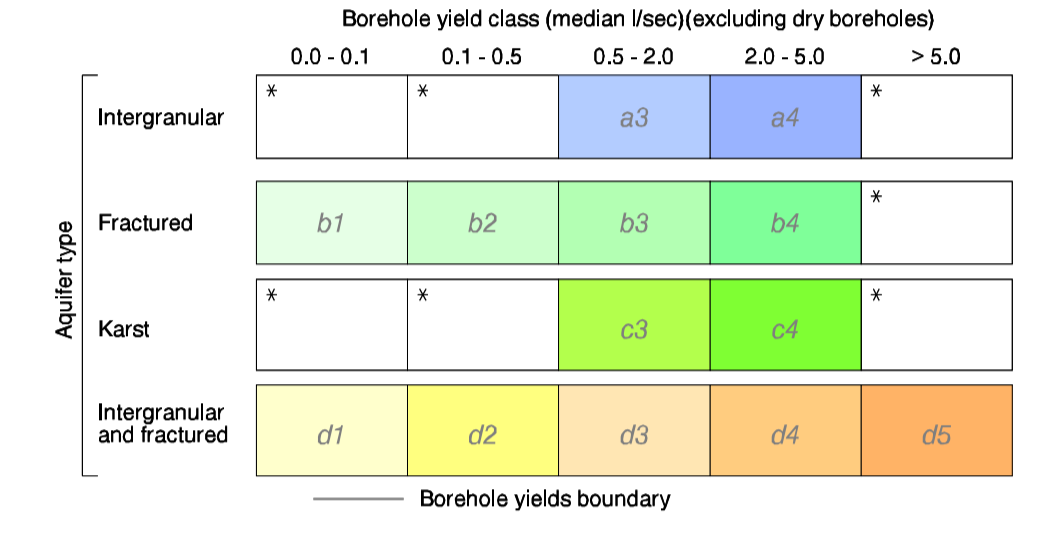


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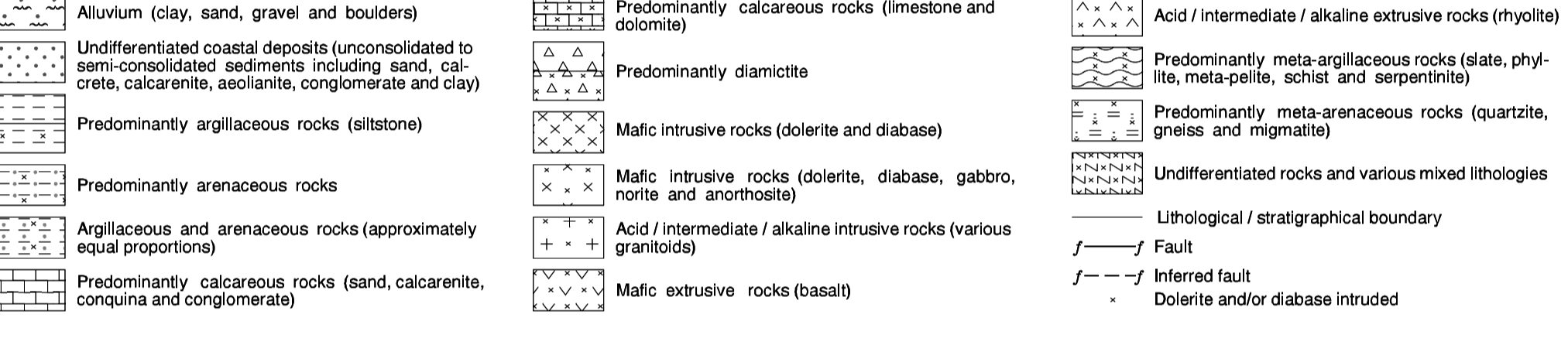
This map was approved by the Director-General of the Department of Water Affairs and Forestry. Borehole data were obtained from the National Geographical Data Base (NGDB). Precipitation and elevation data were obtained from the Computing Centre for Water Research, University of Natal, and compiled by H. Mullin. Information on roads, rivers, lakes, coastlines, international and provincial boundaries were obtained from the Chief Directorate: Surveys and Mapping, Department of Land Affairs and edited by the Department of Water Affairs and Forestry.

Principal groundwater occurrence

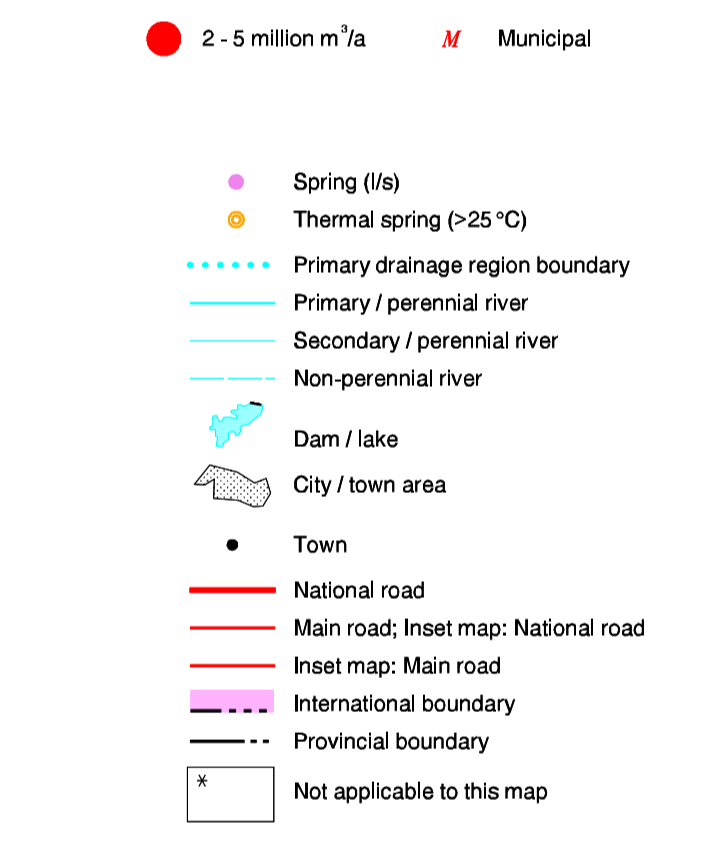


Note: Groundwater occurrence depicts the aquifer type(s) with the highest borehole yield, and does not always correlate with surface lithology.

Surface lithology



Large scale groundwater abstraction



Chronostratigraphy

Period	Stage	Approx. Age (Ma)	Key Events / Features
Quaternary	Quaternary (Q)	0 - 2.6	Mapelsburg G. (F-Qm)
	Tertiary (T)	2.6 - 66	Mapelsburg G. (K-Ta)
	Cretaceous (K)	142 - 205	Mapelsburg G. (K-Ta)
Mesozoic	Jurassic (J)	205 - 252	Mapelsburg G. (K-Ta)
	Triassic (Tr)	252 - 252	Mapelsburg G. (K-Ta)
Paleozoic	Permian (P)	252 - 290	Mapelsburg G. (K-Ta)
	Carboniferous (C)	290 - 354	Mapelsburg G. (K-Ta)
	Devonian (D)	354 - 417	Mapelsburg G. (K-Ta)
	Silurian (S)	417 - 445	Mapelsburg G. (K-Ta)
Precambrian	Oxidarian (O)	445 - 545	Mapelsburg G. (K-Ta)
	Cambrian (E)	545 - 545	Mapelsburg G. (K-Ta)
Proterozoic	Namibian	900 - 2000	Mapelsburg G. (K-Ta)
	Mokolan	2000 - 2650	Mapelsburg G. (K-Ta)
	Vaalian	2650 - 3000	Mapelsburg G. (K-Ta)
Archaean	Barotsian	3000 - 3300	Mapelsburg G. (K-Ta)
	Swazian	3300 - 3600	Mapelsburg G. (K-Ta)

