SMHB
38, Jalan 1/76D, Desa Pandan,
55100 Kuala Lumpur, Malaysia
Tel 603-9281 1122
Fax 603-9281 1199
Website www.smhb.com
Email smhbkl@smhb.com

GROUND WATER STUDIES UNDERTAKEN BY SMHB AND ASSOCIATED FIRMS

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Scheme	Description	Year
1. Water Resources Study for Megasteel, Banting, Selangor	Hydrological and groundwater studies to assess yield of Sungai Langat and sustainable ground water yield in the region.	2007-2008
2. Damascus Basin Water Resources Review, Syria	Review of existing studies and reports with regards to the assessment of water availability, current water usage and projected water requirements under various scenarios up to year 2025 and projection to year 2040. One of the aspects reviewed is aquifer storage recharge.	2006-2007
3. Perlis Groundwater Study, Perlis	Study to develop an option plan for the staged development of groundwater resources in the State of Perlis to supplement surface water resources in meeting industrial and domestic water demands beyond 2005 up to 2020. During Stage I, 14 No. tubewells were designed, constructed and pump tested in the Tertiary Formation. Based on hydrogeological analysis, the development potential of the Tertiary Formation in Perlis is found to be at least 3 mgd.	1994-1995
4. Hydrological Investigation in Soc Son Area for Noi Bai Export Processing Zone (EPZ), Vietnam	Study on groundwater resources and design of production wells for supply to the EPZ and the golf course. The water demand is about 40,000 m^3/d.	1994-1995
5. Northern Kelantan	Groundwater investigation for Water Supply Studies to meet demand in year 2010. A total of 24 test wells and 2 production wells were drilled within a 400 sq. kilometers area around Kota Bahru.	1986
6. Sg Dua, Seberang Prai, Penang	Hydrogeological investigation to determine the total available groundwater resources of Lahar Tiang-Sg Dua area	1985
7. Kampung Merang, Terengganu	Investigation of available groundwater sources as regards to their yield, quality, merits and demerits of each source.	1984
8. Bukit Senyamuk, Tasik Kubur/Telaga, Terengganu	Groundwater survey and investigation to meet the irrigation requirement for tobacco cultivation.	1983-1984
9. Pulau Banggi Water Resources Study	Consideration was given to immediate and future water demands of the island when potential agricultural areas were developed. Geological, hydrological and hydrogeological investigations, including a well drilling programme, were completed to determine the yields of surface and underground water sources. A master water supply development plan for 25 years was prepared.	1980-1983

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10. Pulau Jambongan Water Resources Study	The study considered the immediate and long term demands for the island. Groundwater yields were assessed as a temporary short term source. In the long term, impounded reservoir supplies were recommended.	1980-1983
11. 6 Towns Water Supply Project, Lesotho	Design of water supply works based on well point systems and perforated collector pipes leading to large diameter pumping wells.	1979
12. Kuala Lumpur, Malaysia	Studies of potential aquifer thickness in alluvial soils.	1978-1979
13. Lae, Papua New Guinea	Study of groundwater resources and design of production wells.	1978-1979
14. Lyallpur, Pakistan	Study of groundwater resources and recommendation of long term plan for water supply	1975-1976
15. Gol-e-Gohar, Iran	Study of groundwater resources within a 4800 sq. miles area to meet the demand of 41 Mld (9 Mgd) at an iron ore mining prospects.	1974-1976
16. Sar, Cheshmeh, Iran	Study of groundwater resources within an arid area of 6000 sq. miles to meet the demand of 68 Mld (15 Mgd) required at a copper ore processing plant.	1968-1976
17. Kota Bharu, Kelantan	Water resources study of the Kota Bharu District	1974-1975
18. Sandakan, Sabah	Groundwater resources study of the Sandakan peninsula.	1967-1975
19. Sandakan Water Supply	Design and construction supervision of 14 Mld water supply scheme sourced from 254 mm diameter boreholes up to 152 mm deep.	1970-1974
20. Kathmandu, Nepal	Hydrological and geological investigation into the feasibility of developing groundwater sources from gravel deposits in the deep sediments in the Kathmandu valley.	1971-1973
21. Great Ouse, UK	Groundwater investigation to evaluate factors involved in drawing down the water table in selected areas to take advantage of the balancing storage in a chalk aquifer.	1968-1972