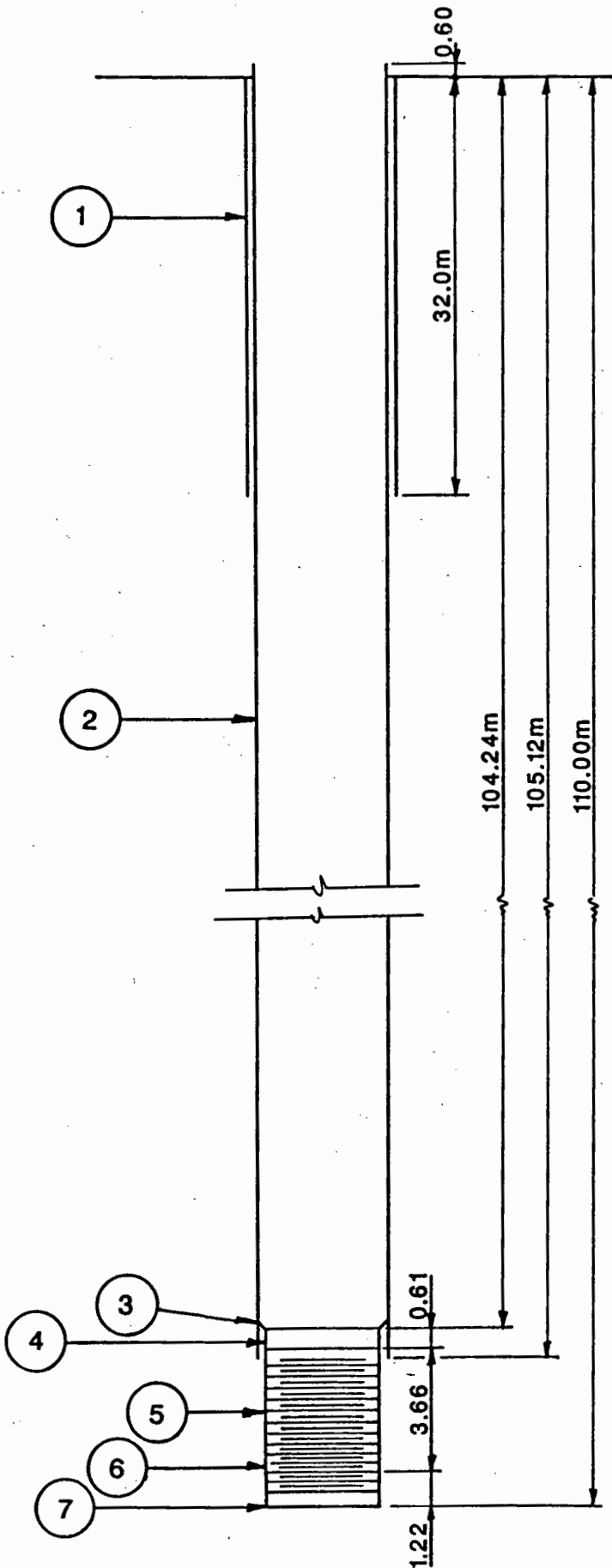


**ROSS RIVER
LITHOLOGY**

Depth (m)	Lithology	Comments
0 - 2.7	Till - sandy - silty, pebbles to 15 mm, gravel lens from 2.1 - 2.74 m (no noticable water)	
2.7 - 8.2	Till - dry, sandy to 4.57 m increase in moisture, dark grey, top of permafrost at approximately 8.23 m	Begin injecting water at 7.62 m
8.2 - 18.5	Till - sandy, silty, some bedrock	
18.5 - 60.0	Till - silty clay, some sand, black, continue injecting water	
60.0 - 101.5	Till - silty sandy, some clay, becomes saturated with depth	Sand is running and sloughing on each connection
101.5 - 110.0	Gravel to 25 mm size, round to sub-round, producing water in excess of 25 L/sec	



KEYNOTES

- 1 203mm O.D. STEEL CASING
- 2 168mm O.D. X 0.280mm WALL STEEL CASING
- 3 JOHNSON LEAD PACKER
- 4 141mm O.D. STEEL RISER
- 5 143mm O.D. X 124mm I.D. STAINLESS STEEL WELL SCREEN SLOTTED 0.64mm
- 6 143mm O.D. X 124mm I.D. STAINLESS STEEL WELL SCREEN SLOTTED 0.76mm
- 7 END CAP

ROSS RIVER WATER WELL COMPLETION DETAILS