```
--------------------------------------------------------------------------
      gobmk-L2-Big      Simulation Results
--------------------------------------------------------------------------


Number of reference types:
  Number of reads   =  1922316435  [19.22%]
  Number of writes  =   915303047  [9.15%]
  Number of inst    =  7162380518  [71.62%]
  Total             = 10000000000

Total cycles for all activities:
  Cycles for reads  = 11418689099  [19.93%]
  Cycles for writes = 10604480439  [18.51%]
  Cycles for inst   = 35258823739  [61.55%]
  Total time        = 57281993277

Average cycles per activity:
  Read  = 5.94
  Write = 11.59
  Inst  = 4.92
Ideal: Exec. Time = 17162380518; CPI = 2.4
Ideal mis-aligned: Exec. Time = 25198023284; CPI = 3.52

Memory level: L1i
  Hits   = 11760551202  [96.61%]
  Misses =   412661231  [3.39%]
  Total  = 12173212433
  Kickouts = 412660975, Dirty kickouts = 0, Transfers = 412661231

Memory level: L1d
  Hits   = 3875982042  [96.13%]
  Misses =  155842197  [3.87%]
  Total  = 4031824239
  Kickouts = 155841941, Dirty kickouts = 95078017, Transfers = 155842197

Memory level: L2
  Hits   =  502768376  [75.77%]
  Misses =  160813069  [24.23%]
  Total  =  663581445
  Kickouts = 160812045, Dirty kickouts = 38765960, Transfers = 160813069

Cost analysis:
  L1i cache cost = $400
  L1d cache cost = $400
  L2  cache cost = $50
  Memory cost    = $75
  Total cost     = $925
```