

"SP5"

464 Δh

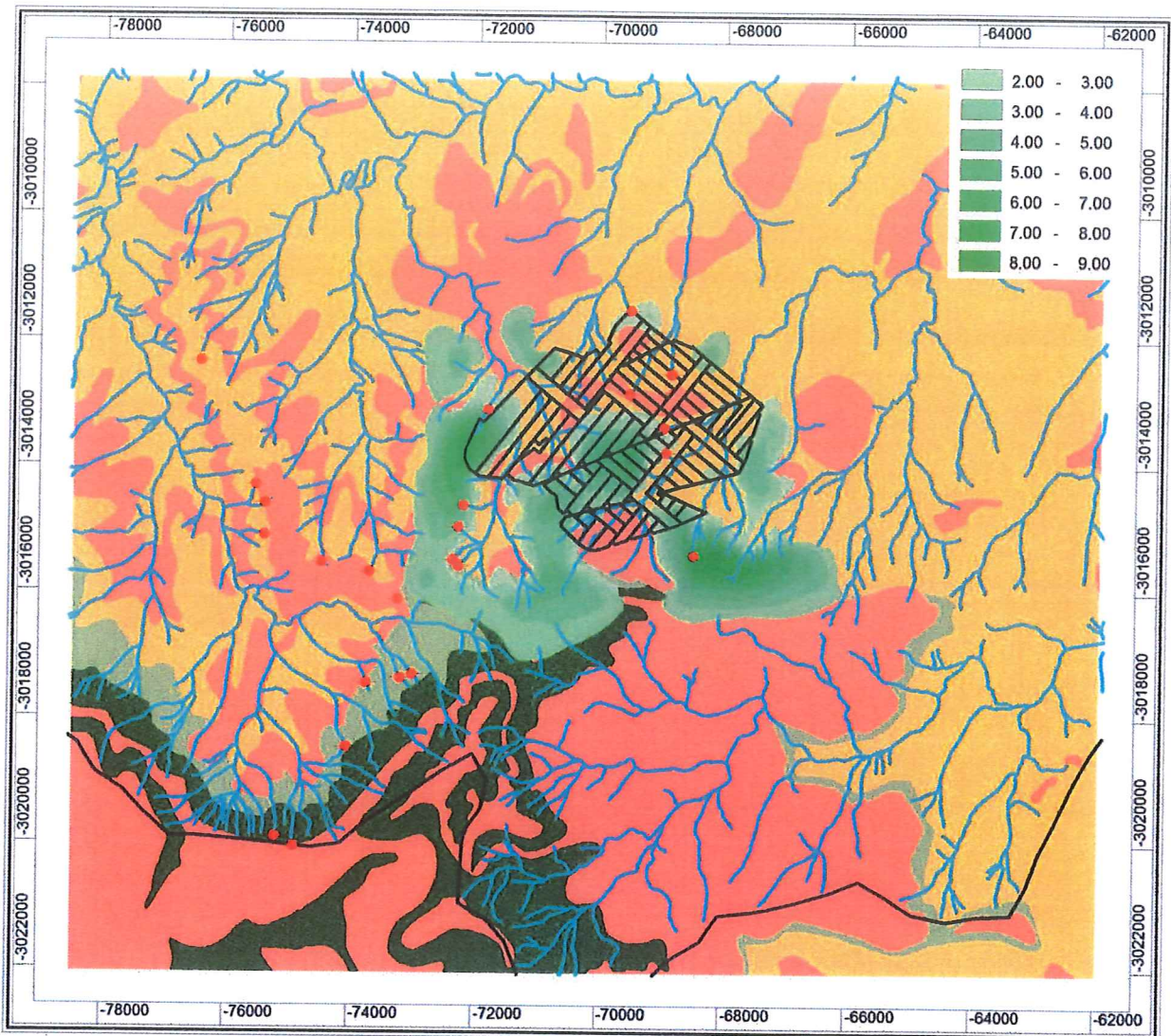


Figure 8.2: Simulated groundwater table drawdown in the shallow weathered Karoo aquifer (mapped springs indicated in red).

The simulated extent of the (steady-state) zone of impact (5m cut-off to account for higher uncertainty in simulations) of the underground workings on the deeper fractured aquifer extends predominantly above and around 2 km downstream or N of the mine (Figure 8.3). The deeper fractured aquifer is considered to be less sensitive to a drawdown of the water table and significant impacts with drawdowns above 20m are likely to be limited to an area immediately above the underground mine workings.