

Digital appendices

App. 1 climate data: climate stations – SLP and Zac

App.2 pumping tests

- App.2.1 pumping test data
- App.2.2 Hydro Tec – Pardillo III – Cooper and Jacob I
- App.2.3 HydroTec – N.Loredo – Cooper and Jacob I
- App.2.4 Hydro Tec Pardillos III – Thies recovery
- App.2.5 Hydro Tec Nuevo Loredo – Theis recovery
- App.2.6 Pardillos III - Chapuis
- App.2.7 N.Loredo - Chapuis

App.3 borehole data

- App.3.1 corrected location boreholes – SLP
- App.3.2 stratigraphic logs of boreholes – SLP
- App.3.3 geological sections Castillo Cruz 2003
- App.3.4 pps IMMSA 2008
- App.3.5 stratigraphic logs bohreholes – Zac

App.4 level measurements

- App.4.1 level measurements – SLP
- App.4.2 level measurements – Zac

App.5 Feflow

- App.5.1 SLP
 - App.5.1.1 extraction wells
 - App.5.1.2 simulated vs. observed hydraulic heads - transient state
 - App.5.1.3 numerical water balance
 - App.5.1.4 input – sensitivity analysis
 - App.5.1.5 sensitivity analysis – regional inflow 25 %
- App.5.2 Zac
 - App.5.2.1 extraction wells
 - App.5.2.2 2nd kind BC
 - App.5.2.3 simulated vs. observed hydraulic heads – steady and transient state
 - App.5.2.4 numerical water balance
 - App.5.2.5 input – sensitivity analysis