18°11 CORDILLERA Diversion from Lago Guineo (Río Grande de Manatí basin) EXPLANATION Rivers Measuring site and lowest discharge measured, in cfs River flow recording station; S means sediment data collected VILLALBAY Pump, river or canal Ground water Well and yield in gallons per minute 0.90 Dam under construction in 1970 Lago Guayabal Geology Hwy. 150 S 18°05' Drainage boundary -Geologic boundary contact Fault -Drainage boundary Thrust fault WANA DIAZ Syncline -Upper terraces Alluvium Ancient landslides Inflow of ground water from Río Inabón this line maxi-mum well depth 100 ft Tertiary and Cretaceous limestone basin about 5,000 ac-ft Juana Díaz formation Cretaceous conglomerates 18°00' Tertiary and Cretaceous volcanics Suggested development within alluvial fans Area favorable for ground-water development SANTA ISABEL Area not favorable for ground-water development; should be monitored for possible sea-water intrusion 17°57′ 66°33′ 66°25' 66°30' Figure 29.-Hydrogeology of the Juana Díaz area.