



Water security and drought response in Jaffna

Session 10c

Jeyald Rasaratnam

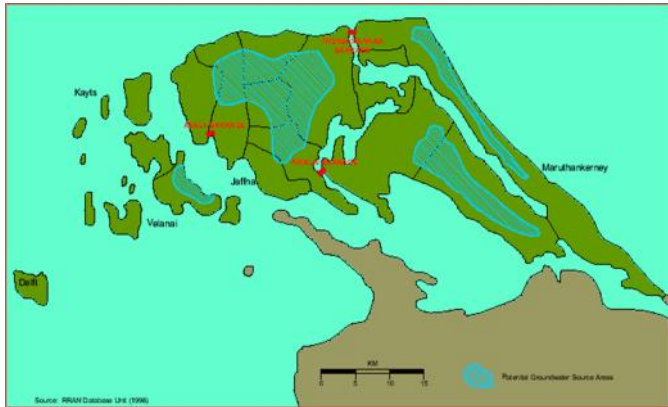
3 Aug 2017



The CS WASH Fund is supported by the Australian Government and managed by Palladium International Pty Ltd.



Background of Jaffna



- Dry zone and NO River
- Annual rainfall of 13.29 cm.
- The average temperature ranges from 22 C to 33.8 C.
- main source of water is the natural underground spring tapped by drilling wells.
- Jaffna Miocene limestone is the principle source of water storage in the Jaffna Peninsula.

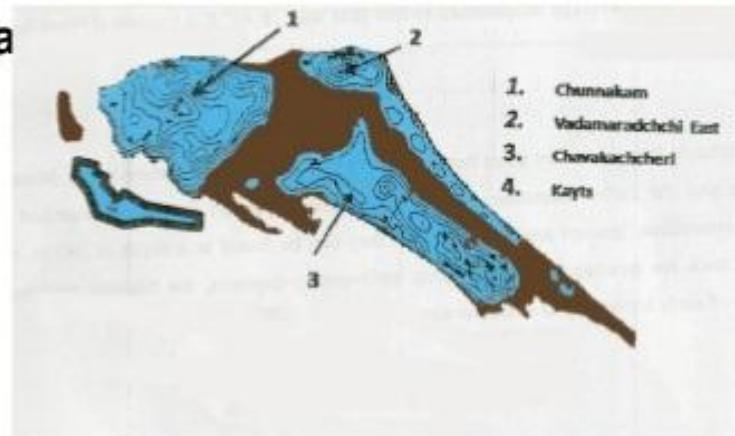


Major Aquifers in Jaffna

Ground Water in Jaffna Peninsula

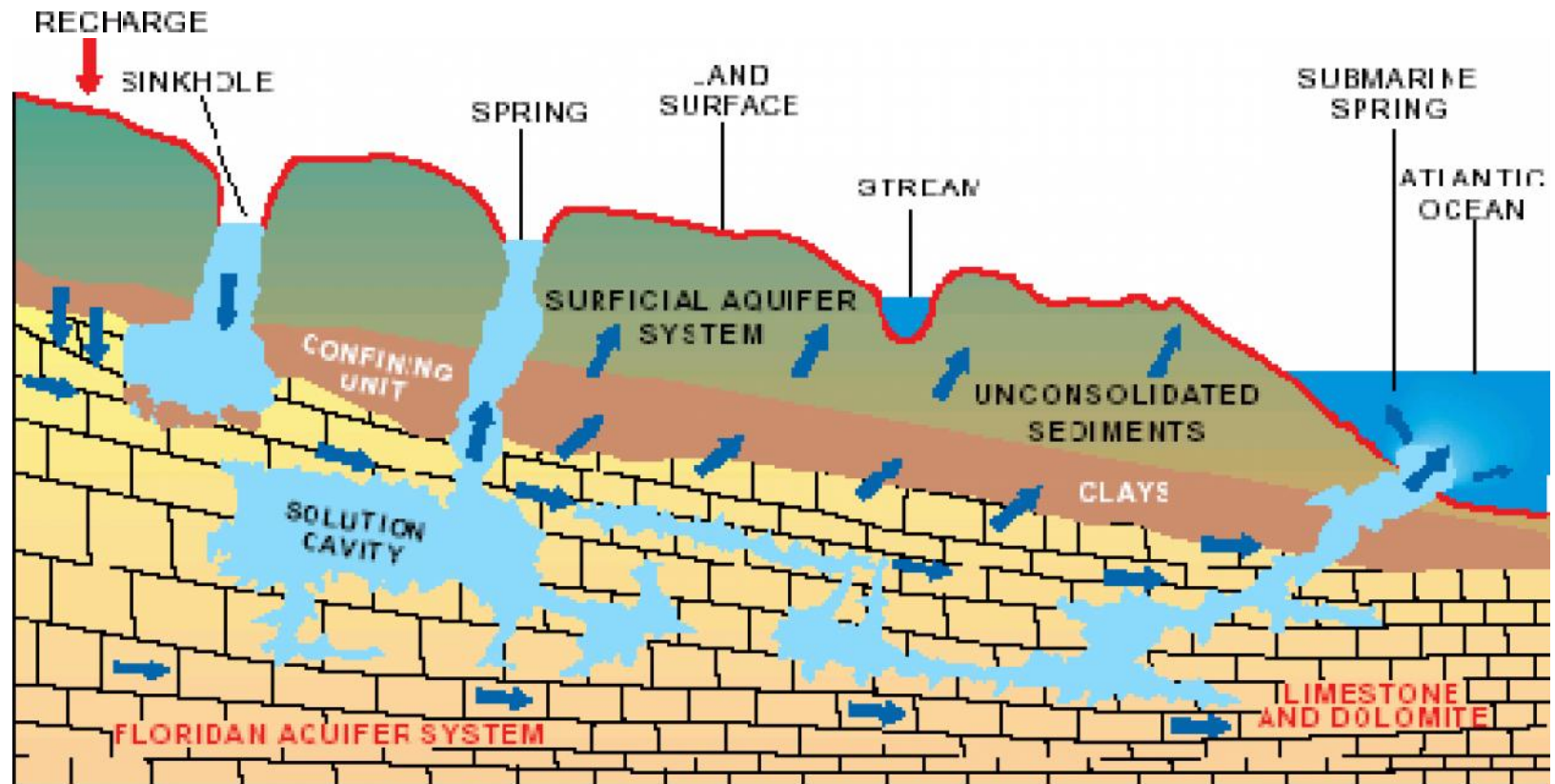
Major aquifers in Jaffna

- ❖ Chunnakam,
- ❖ Vadamarachi east,
- ❖ Chavakacheri,
- ❖ Kayts



- ❖ **Chunnakam aquifer contains the highest capacity of water, the source for 384,000 population.**

GROUNDWATER CONDITIONS IN THE JAFFNA PENINSULA



EXPLANATION

 DIRECT ION OF GROUND-WATER FLOW

Current Drought Situation of Jaffna



- Over 121, 000 persons from 33, 000 families in the Jaffna district have been severely affected by the prevailing drought situation
- Our operations areas; Chankanai and Chavakachcheri have been severely affected by the drought.
- In Chankanai, 2889 families and 10198 people were affected
- In Chavakachcheri, 11640 families and 47, 198 people were affected
- Many water sources have already dried up. Many people have been forced to wait by the roadside hoping to collect some water.

Pictures from current situation of Jaffna



Drought Response



- Ministry of Disaster Management is providing the needed facilities to people through the Jaffna District Secretariat.
- World Vision Lanka supported to drought response through District Secretariat – Jaffna as follows;
 - 85 Water Tank (1000 L)
 - 1000 Water Stand
 - Fuel, Labour and Bowser support for Local Authority
- Divisional Secretariat and Local Authority has taken action has been taken to provide people of these areas water with bowzers.
- 25 schools and 30 communities are selected for response



Expected Outcomes



- 14,529 families and 3000 students will be provided safe drinking water for three months temporally
- People will be able to consider food security and protect from water related diseases
- Students will attend to school without absent
- This implementation will make the success with strong partnership bond with government officials, people and CBOs and engagement of the staff in the field.

