



DESAI & ASSOCIATES LTD



Consultancy Service for the Development of an Inundation, Flooding and Landslide National Risk Profile, Strategic Framework and Action Plans for Disaster Risk Management for the Republic of Mauritius

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Capacity and validation workshop
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VALIDATION OF THE HYDRAULIC MODEL FOR THE WATER COURSES (INCLUDING BRIDGES) AT CRITICAL POINTS

1. Model Has Identified Critical Locations For Flooding
2. Validating the Results by undertaking Field Survey was necessary
3. Field Survey of approximately 100 locations across Rivers and Bridge Crossings Undertaken – Time Constraint
4. Information Processed to verify with Model Results

FIELD SURVEY

Steps in the Field Survey

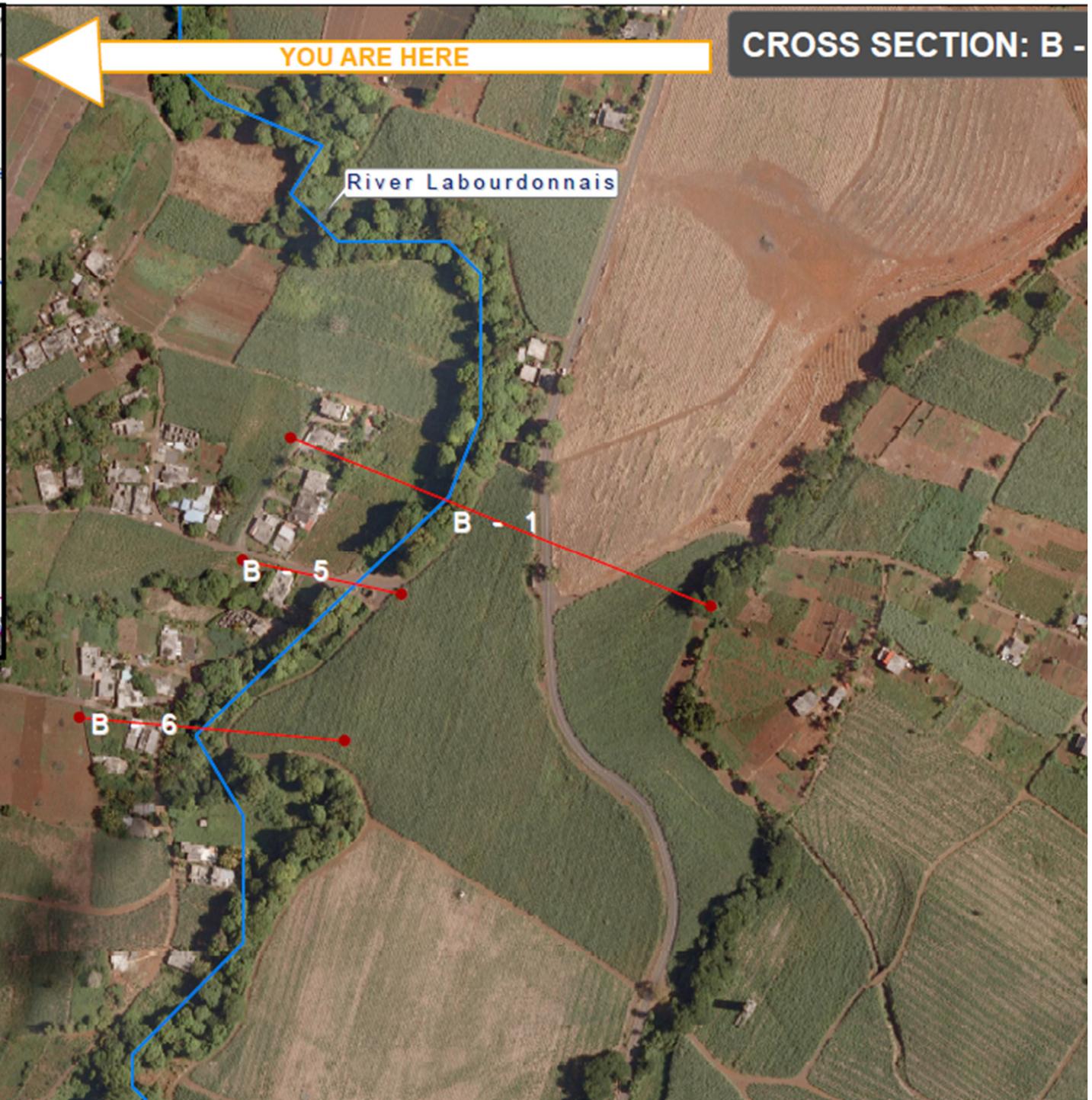
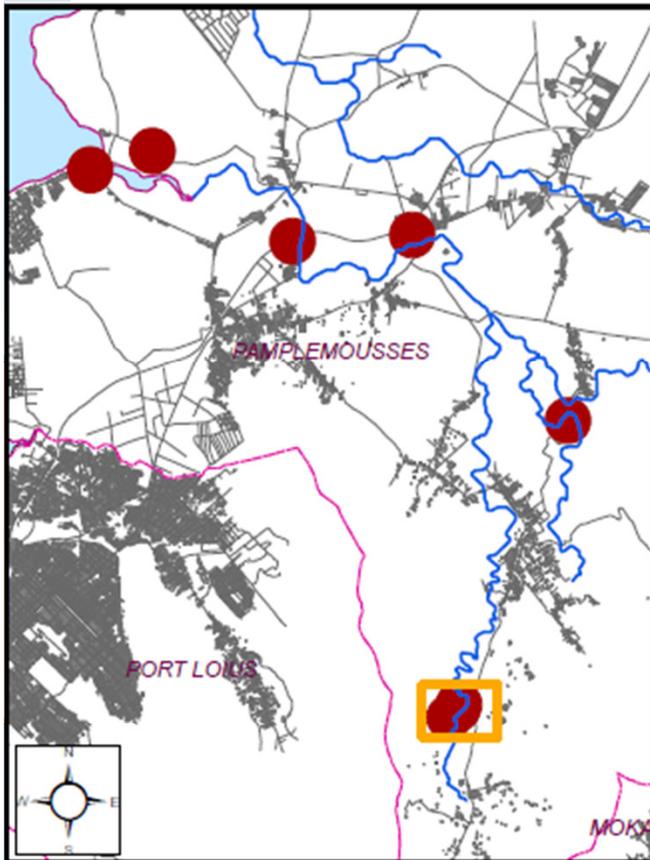
1. Identification of the location on Site
2. Site Judgment based on site constraints
3. Field Survey (GPS and Total Station Used)
4. Levels Tied with the Existing Control Points established by the Ministry of Housing and Lands in MGM 2008
5. Photographs Taken to better understand the situations

SITE CONSTRAINTS



ORTHOPHOTO SHOWING THE SECTIONS IDENTIFIED BY THE MODEL WHICH NEEDED TO BE VALIDATED



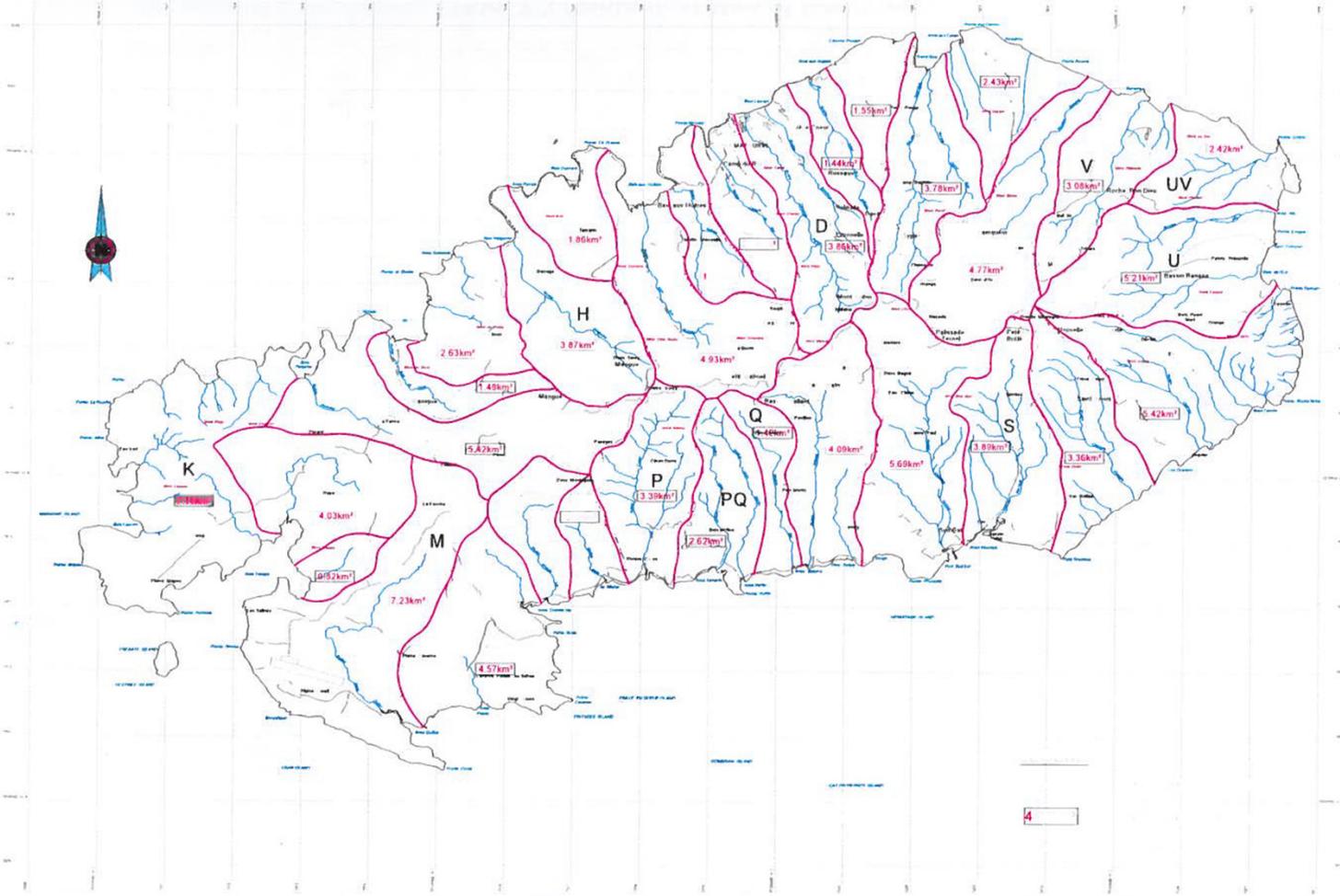


Photographs of the Site where Survey has been carried out taken



RODRIGUES

- 1. Three Visits Made by Experts**
- 2. Consultation with All the Stakeholders**
- 3. Field Visit to Validate the Preliminary Findings from the Model**



RODRIGUES



RODRIGUES



THE WAY FORWARD FOR MAURITIUS

Thoughts To Ponder

1. Data Capture ! Type of Information is to be Captured?
2. We need to come out of our “cocoon” and look at the issues at “Macro” level
3. Disaster Risk Profiles Now Available – What we do with it?
4. Amend Current Legislations to incorporate DRR
5. Continuous updating and refining of the Risk Profiles as we collect more data over time



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Thank you for your attention



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