

**Figure 3.** Pitfall array design. (A) side view and (B) overhead view.

### Expected Output/Deliverables

1. Updated status of the biodiversity of Lake Mahagnao, Burauen, Leyte with emphasis on Species composition, Species Richness, Abundance, Coverage
2. Water quality of the Lake Mahagnao based on the bio-indicators
3. Water quality of the Lake Mahagnao based on the physico-chemical properties of the lake
4. GIS maps of the resources
5. Establishment of Monitoring Stations for process variables such as growth, \_\_\_\_, and invasiveness.
- 6.
5. Six (6) book bound final report of BAMS including 6 CDs of e-copy

### Budgetary Requirement

Particulars	Unit cost	Number	Total
<b>PS</b>			
Honorarium			
Team Leader	50,000.00	1 pax	50,000.00
Members	30,000.00	7 pax	210,000.00
GIS Personnel	10,000.00	1 pax	10,000.00
Laborer	550 x 2 days	3 pax	3,300.00
<b>+MOOE</b>			
Travel allowance	1000/day x 2 days	12 pax	24,000.00
Transportation cost/Car/boat rental	10,000.00	Lot	10,000.00
Laboratory analysis	5,000.00	12 samples	60,000.00
Net and trap construction and other field sampling supplies	5,000.00	1	5,000.00
Office supplies	50000.00		50,000.00
Laboratory supplies	10,000.00		10,000.00
<b>Equipment Rental</b>			
Hess sampler	100/day	1x 3 days	300.00
GPS	100/day	1x 5 days	500.00

Multiparameter meter	100/day	1x 5 days	500.00
Underwater camera	200/day	1x 5 days	1000.00
DSLR Camera	200/day	1x10 days	2000.00
Plankton net	100/day	1x 2	200.00
Ekman-Birge Grab	100/day	1x 2	200.00
Brass Sieve (2 mm and 3 mm)	100/day	2	200.00
<b>TOTAL</b>			<b>437,200.00</b>

### Workplan

Activities	Sep		Oct		Nov		Dec	
	1-15	16-30	1-15	16-31	1-15	16-30	1-15	16-30
Submission of proposal								
Execution of MOA between VSU and DENR								
Data Collection								
Data Analysis								
Report Writing								
Presentation of Results								

### Team Composition

Name	Position/Designation	Highest Educational Attainment	Assignment
<i>Team Leader</i>	Associate Professor 5/Department Head	Ph.D. Biology	Benthic Macroinvertebrates
<i>Team Members</i>			
#1	Assistant Professor 4	M.Sc. in Ecological Marine Management	Zooplankton
#2	Assistant Professor 1	M.Sc. Tropical Ecology	Phytoplankton
#3	Instructor 3	M.Sc. Zoology	Amphibians and Reptiles
#4	Instructor 1	M.Sc. Marine Science	Physico-chemical analysis, GIS Maps, Coliform, Chlorophyll a, and Pollution Load
#5	Instructor 1	M.Sc. Tropical Ecology	Aquatic Macrophytes
#6	Instructor 1	M.Sc. Zoology	Shellfish
#7	Instructor 1	M.Sc. Botany (Candidate)	Riparian Vegetation