Dry coir rolls (logs) are a better choice for restoration than vegetated coir rolls (logs)

Use of vegetated coir logs in environmental restorations significantly increase the materials, handling and construction costs. This will increase the total cost of environment restorations and results in destruction of our environment. Use dry coir logs for economical and effective environmental restorations.

Vegetated coir logs cannot carry like this.  Unable to stack in the field.

- **Coir fiber is strong, durable and versatile.**
  The objective of using strong, durable coir products in environmental restoration is to provide necessary initial protection for the site until mature vegetation is established. Dry coir products provide maximum protection. Once these 100% organic and biodegradable coir products are exposed to water, they begin to decompose.

- **Vegetated coir logs are partially decomposed.**
  When coir logs are vegetated in nurseries, they begin the process of biodegradation. By the time vegetated coir logs are ready to install in the field, they are already partially decomposed, which significantly shorten their lifespan. For this reason, vegetated coir logs to provide much less erosion protection than dry coir logs.

- **Transportation of vegetated coir logs is extremely expensive.**
  Transporting and handling partially biodegraded coir logs are difficult and labor intensive. Vegetated coir logs need 10-times more truck space than dry coir rolls. Transporting vegetated coir logs long distance is not an option as the young plants can wither. With current higher fuel prices and labor costs, restoration with vegetated coir logs
not an economical option.

- **Young plants on vegetated coir logs damage easily during transportation.**
  The young native plants growing on coir logs are delicate and need special attention. Coir logs are available in 20” diameters and there are no ways to handle these without any machinery. There is a good chance that plants will be damaged during transportation wasting all the effort used to grow them. Accesses to most of the restoration sites are difficult. It will be extremely difficult to take vegetated coir logs to restoration sites without damaging the plants.

- **Timing of installation is critical.**
  In a practical sense, it is very difficult to time the construction of any project for various reasons. A major limiting factor of the vegetated coir logs is that they need to be transported to a strict timeline. If a project gets delayed due to weather or any other uncontrollable event, the vegetated logs are wasted unnecessarily.

- **Need more nursery space to vegetate the coir logs.**
  Normally 4” nursery grown native plants are used with dry coir logs. The space needed for these plants are smaller compared to growing these plants on coir logs. This increase cost of plants for restoration.

Use dry coir rolls (logs) and restore our environment for all!