

SURVEY OF DEBRIS TO BE CLEANED UP ON GREAT ST. JAMES

SURVEY METHODS

A detailed survey was conducted along most roadways and trails on Great St. James. A handheld GPS was used to mark each noted debris pile and photographs were taken which are representative of the debris present.

FINDINGS

There are numerous dirt roadways throughout the island of Great St. James. The vast majority of these roadways are older and most are well packed, there are a few areas where it was obvious the roads were newer with loose rocks and unpack soils. There are piles of very old vegetation as well as more recently cleared brush along the roadways. There are numerous large logs and stumps in the bush and brush piles. There are pieces of fiberglass from boat hulls on several of the beaches and some scattered in the bush along the roadways. Up near the warehouse/back of house area there are some broken pieces of machinery, a part of a boat trailer, left over construction debris (wire rolls, PVC, rotten wood) and large chunks of broken concrete.

Much of the material could be collected by small machine and the best use for the smaller brush would be mulching for use for erosion control. For the larger stumps, logs and machinery parts larger equipment will be required in order to collect and dispose of the material.



The above map shows the areas of surveyed debris on the island. The white squares indicate areas where debris, primarily in the form of cut bush, are pile alongside the road. In most areas the debris piles are 10'-12' in length and extend less than 8' from the road edge. The orange squares indicate debris piles which extended more than 8' from the roadway. These piles contained larger tree stumps and logs. The red squares indicate areas with large machinery pieces (engines, radiators, construction wire, construction debris). The blue squares indicate large debris piles which usually extend more than 20' along the road and are often as deep as 20'.



A large tree trunk and a piece of lattice work in the bush along the road side .



A very typical tangle of vegetation along the roadside.



clear from the roadsides.

Most of the debris piles are composed of small brush



the northeastern and eastern sides of the island.

There is a notable amount of flotsam on the beaches on



Many of the pieces of debris are both related



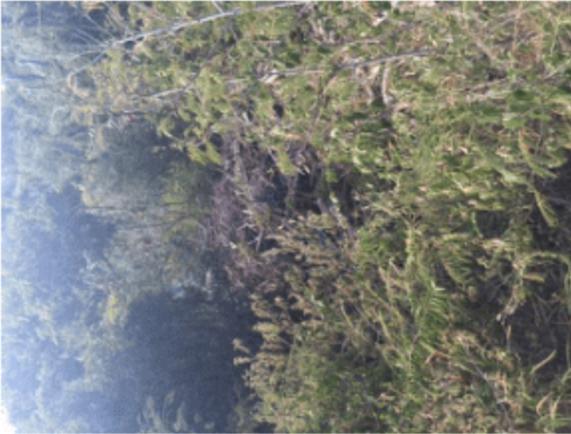
A debris pile with older stumps in it some quite large



An entire large tree is lying in one of the older piles.



These larger trees are found just of the roadways





Old construction debris in the vegetation piles



There are some large tree trunks well off the roadway.



There are some very large debris piles well off the road in the bush



Some of the piles are quite large.



Construction debris



Construction debris in the bush



Pieces of a tractor, part of a boat trailer and other large metal debris in bush.



PVC piling and other construction related materials



Large dead trees