

PROPOSAL FOR RECOVERY MINING AREA IN BAIXADA VIVA PROGRAM - BELFORD ROXO - RIO DE JANEIRO STATE - BRAZIL

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The project was developed to identify the resolution of erosion and sediments accumulation problems in some areas of the Baixada Viva Program. This program implanted pluvial drainage systems, sewage net and other public services in the Baixada Fluminense, a poor place of the Rio de Janeiro Metropolitan Area. The mining consisted in soil extraction for use in the civil construction and landscaping. As there was not recovery of these degraded areas, the solid material has been carried for the systems by pluvial water, bringing damages to the Baixada Viva Program. On the other hand, the community comes suffering with the current floods and risk of slope downfall on its residences. The adopted solution went to accomplishment of the necessary works to the erosion control, incorporating the possibility of social gain to the community, through the creation of a Park in the degraded area. Besides its recreational attributes, it will come to provide the development of ecosystems with the reintroduction of native plant species, propitiating the attraction of animal species and the implementation of Environmental Education program in the local community. This Park can come constituting in the only public green area of the region. The global cost of the area environmental recovery and implantation of the Park basic infrastructure is about US\$120,000. The project was developed by the Departamento de Recursos Minerais - DRM/RJ, the Secretaria de Estado de Planejamento - SECPLAN and the Instituto Estadual de Florestas- IEF.