

Multitemporal Analysis of Environmental Restoration of Quarries and Intervened Areas

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Key words: Cartography; Engineering survey; History; Implementation of plans; Land readjustment; Mine surveying; Photogrammetry; Remote sensing; Risk management; Standards; sustainability; climate; flora; fauna; restoration; ecosystems; topography; landscaping

SUMMARY

The open pit mineral extraction process affects the natural terrain, the vegetation cover is eliminated and changes are made in the morphology of the area, the last phase of the mining cycle corresponds to the closure and landscape restoration, this rehabilitation process is carried out comprises a series of activities that seek to mitigate the negative impacts of mining so that the legacy left by the project is positive, seeking collective well-being, meeting environmental, social and technical objectives.

This summary will expose the technical methodology used in the closure of 2 mining titles and the gradual restoration of several active partial fronts; by means of topographic and photogrammetric monitoring that has allowed to bring exploitation areas to a state equal to or better than they were before being intervened.

The importance of carrying out these activities parallel to the exploitation project has made it possible to reduce the environmental impact of mining, after the pandemic we have focused on making better use of resources to carry out projects that were established for the long term, obtaining environmentally favorable results.