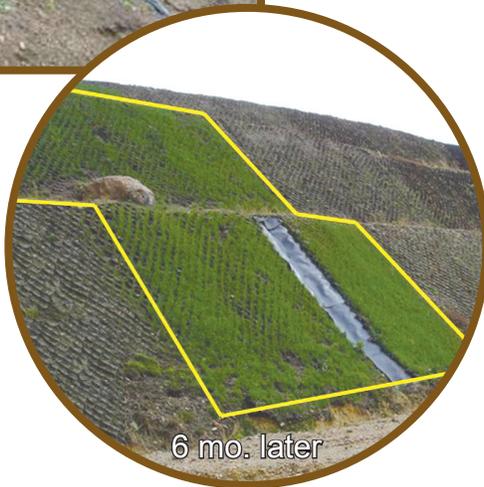


# Case Study: Yanacocha Mine



Before

Four hydromulch products are put to the test of revegetating the steep slopes of the mine. Only a few months after the application; the difference is visually apparent.



6 mo. later

In April 2005 the Yanacocha Mine in Peru, the largest gold mine in Latin America, conducted an experiment using four different hydromulch products to begin an intensive revegetation project to the steep slopes of the access roads to the operations zones. The products were applied and monitored for 14 months to gauge their effectiveness when directly applied to acidic soils (pH 3-5). In June, a growing evaluation was conducted and the growing rate of the four products. The paper mulch and compost mixture that was supplied by Hamilton Manufacturing came back at a 95% growing rate, more than double that of the product that came in second place. By October, the growing rate had reached a 100% growing rate.

Once land is mined, the soil that is left behind is often depleted of nutrients that are necessary for plants to grow. By adding the organic material found in the compost to the already high rated paper mulch, minerals were added back into the soil to create a healthy, nutrient-rich environment to support plant growth.



Yanacocha Formula

The grass sample taken from the hydromulch mixture provided by Hamilton Manufacturing is much thicker and healthier than that of the competitor's products.



NaturesOwn®  
Compost



Aerial photo of Yanacocha Mine

MichaelSwerdlyk.com

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