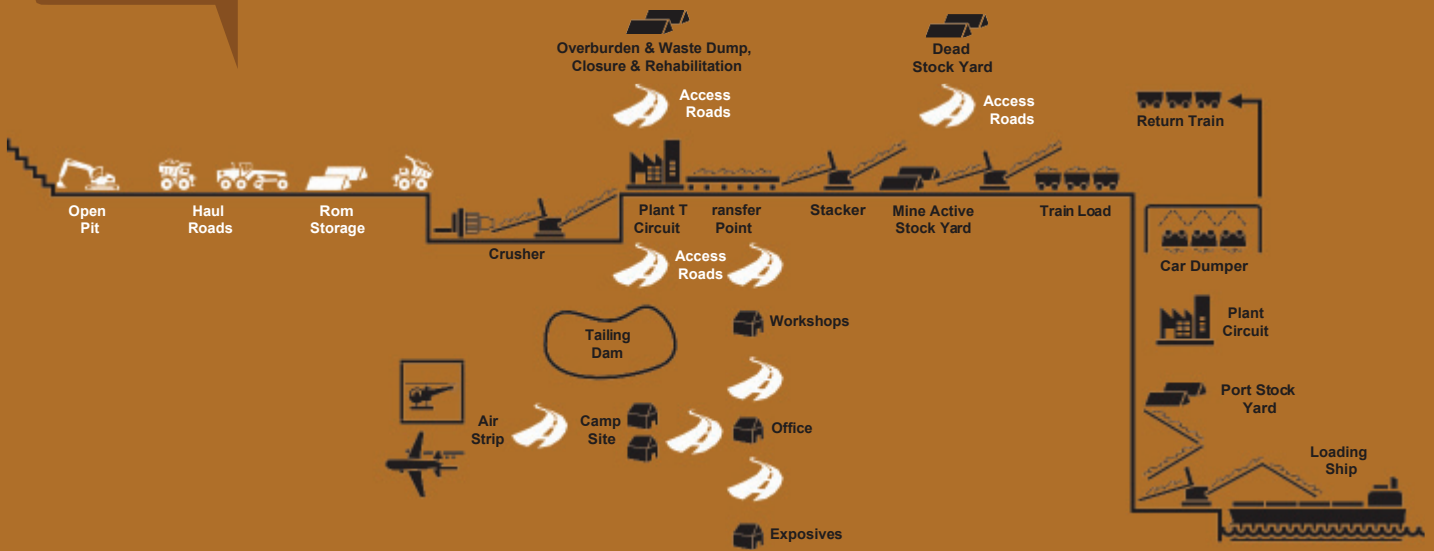




Haul road stabiliser and dust control blend
DustLig

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Using two of the best performing chemistries for dust control, DustMag™ and Dustex™ blend to provide high performance stabilised running surface for dust mitigation under extreme heavy haulage roads. Suitable for autonomous haul roads.

DustLig Chemistry

DustLig is a blend of Rainstorm's DustMag™ high performance dust control product and Dustex™ world renowned Calcium Lignosulphonate, a natural derivative from the paper pulp industry.

DustMag™ is a hydroscopic long term dust control product that draws moisture from the atmosphere to maintain moisture for compaction and dust control.

Dustex™ is an organic soil binder to bind particles.

DustLig combines the actions to deliver the best of both chemistries commonly used for dust control.

Application

Application of DustLig to haul roads is a combination of blending into the top running surface to draw down moisture and bind running surface. Blend ratios are specific to the road and soil conditions, pre-mixed by Rainstorm to best suit site conditions.

DustLig is a long term dust control product drawing moisture for up to 10 weeks with greater than 90% reduction in dust and no watering.

Maintenance top coats are applied as required to match conditions, truck loads and soil conditions.

Extreme loads for mining haul roads can be addressed with a light top spray to recharge the surface and bind loose material or truck spillage.

Autonomous Truck Roads

Autonomous trucks haul roads have a unique circumstance whereby wheel tracks are very specific. They need DustLig - the combination product of a hydroscopic suppressant such as DustMag™ on the wheel tracks to do the heavy lifting in dust control, and a binder Dustex™ to bind loose material on the shoulders and between the wheel tracks to prevent dust lift off from the truck movements where the impact of wheel compaction is not available.

Application is applied from a water cart, batched from a tank farm with automated dose systems.

Maintained and delivered to site by Rainstorm bulk haulage trucks.

Application rates

Please contact Rainstorm for application details and site quotes.

