

**Client:**

Toowoomba RC

Main Contractor:

Toowoomba RC

Specialist Sub-contractors:

SEALS Group

Project description:

Polymer stabilisation
of sub-grade for
temporary side road

Location:

Jondaryan - Mt. Tyson Rd, Qld

Date:

November 2009

Product:

PolyCom Stabilising Aid

**For detailed project information
contact:**

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Project Facts

Polymer stabilisation of sub-grade

Problem:

Mt Tyson road reconstruction required the establishment of a side road to cope traffic volumes for the term of the works. (high truck volumes)

Conventional construction of the side road over low strength black soil meant the importation of a considerable amount of gravel from a pit more than 50 Klm away. An unwanted expense over and above the actual road re-construction.

Solution:

Together, shire management and SEALS Group elected to improve the in-situ sub-grade (black soil) with PolyCom stabilising aid. This work would deliver a competent sub-grade of sufficient strength and weather resistance to enable the placement of a reduced local gravel sheet to manage traffic volumes during the works. Stabilising the existing sub-grade saved the shire money by eliminating the requirement for the trucking in of large quantities of gravel and considerable time efficiencies were also realised.

Project Aims Achieved:

1. Improved sub-grade strength and workability
2. Reduced gravel sheet requirements due to improved sub-grade
3. Reduced side road construction costs by 40%



75mm - local gravel sheet

Stabilised and compacted black soil