



GOLD FIELDS

KDC East No.1 Gold Plant

Conveyor Belt No.17 Frame Support

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Date:16 August 2011



- **KP1 Gold Plant is situated in the vicinity of KDC East Main Shaft**
- **The plant was commissioned in 1968 and has been in operation for over 40 years**
- **It consists of an ore delivery section with symons crushers, a milling section with tube and rod mills and an extraction section**
- **On average the plant mills 6400 tons per day**
- **On Wednesday the 10th of August 2011, it was reported that a large crack appeared on the Silo cantilever beam that supports the gantry floor**

CONCRETE BEAM FAILURE



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Underside of silo floor with failed concrete beam on the far left

Large crack in cantilever beam supporting the floor



The steel floor girder has slipped down approx. 160mm



Slings were installed as an immediate measure .



TEMPORARY SOLUTION



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