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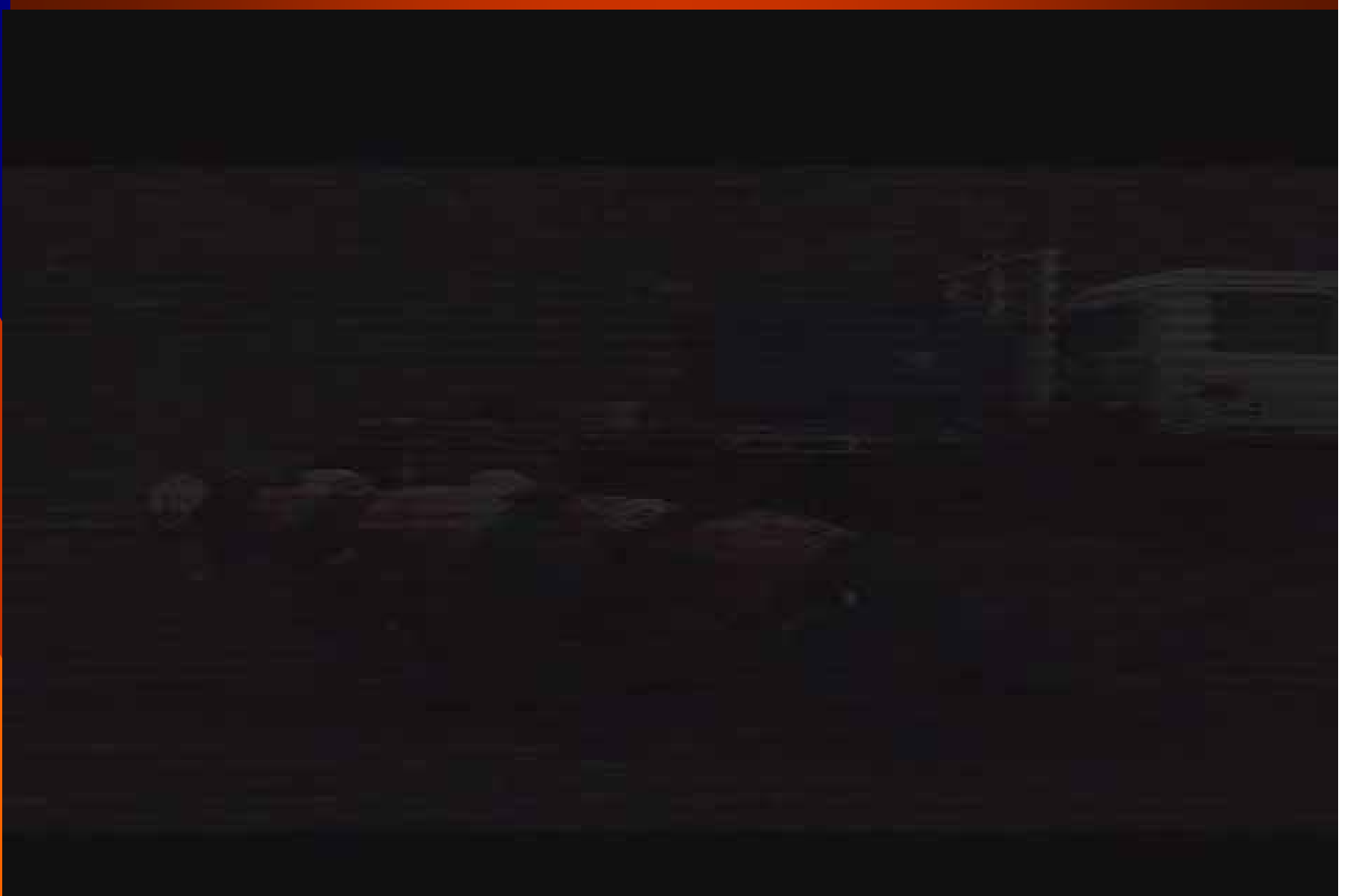
# *Centreline Safety Socket System*

*Townsville 5<sup>th</sup> - 8<sup>th</sup> August 2007*

# *Introduction...*



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# *Centre Line Socket Assembly*



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*Solution at work...*



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# *Donga Method*



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# *Accidents and Injuries*

*The work surface, weigh of the donga and the uncontrolled action used in this method of wedge removal has a high potential for injury or incident...*

- *Crush Injury*
- *Strains and Sprains*
- *Fractures*
- *Penetration Injuries*
- *Back Injuries*
- *Fatigue*

# *The CLSSS Solution*



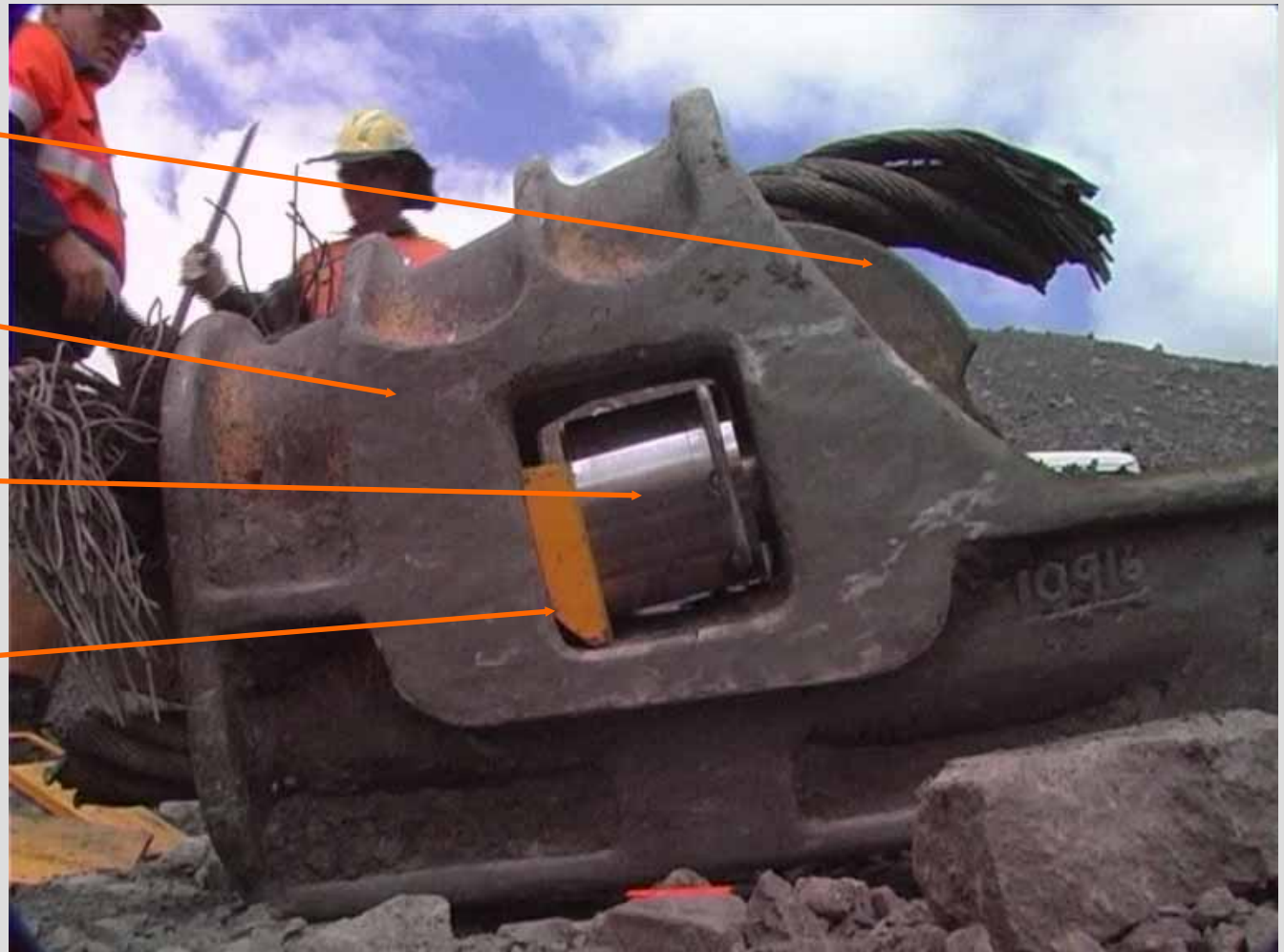
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*Wedge*

*Socket*

*Hydraulic ram*

*Packing*





# *Demonstration of Centre Line Socket*



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# *Hydraulic Pump Assembly*



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# *Costs Vs Alternative Methods*



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# *CLSSS In Action*



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So simple and easy to use, the CLSSS  
has been adopted by:

- Other BMA Mines – Saraji, Blackwater, Goonyella/Riverside
- Other Central Queensland Mining Companies – Ensham Mine
- Is about to go on a promotional tour of the USA



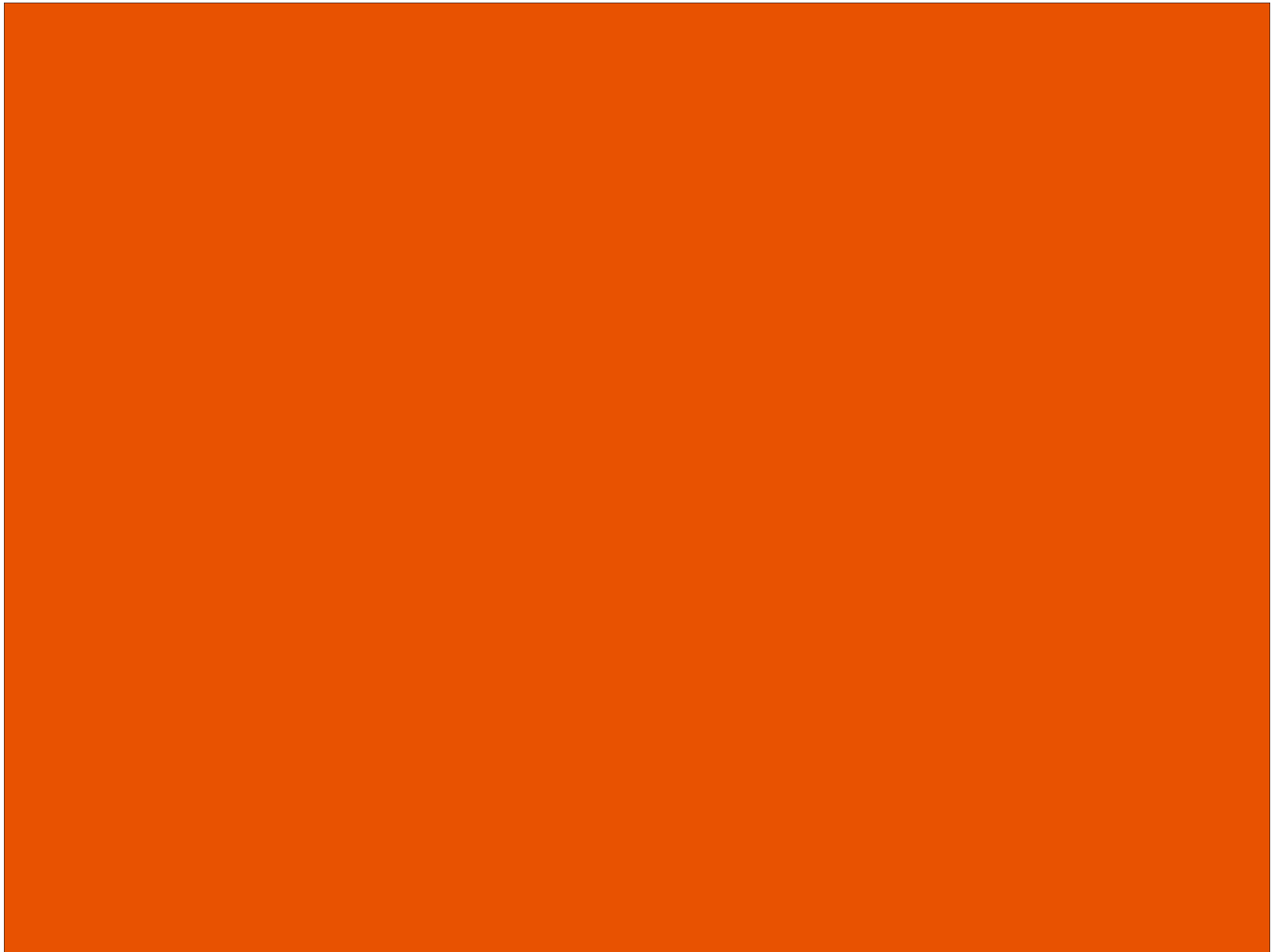


*It's all about Zero Harm...*



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# *Centre Line Sockets at Work*



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Any Questions?....

Thank You...