

LONG HOLE PLUG (LHP)

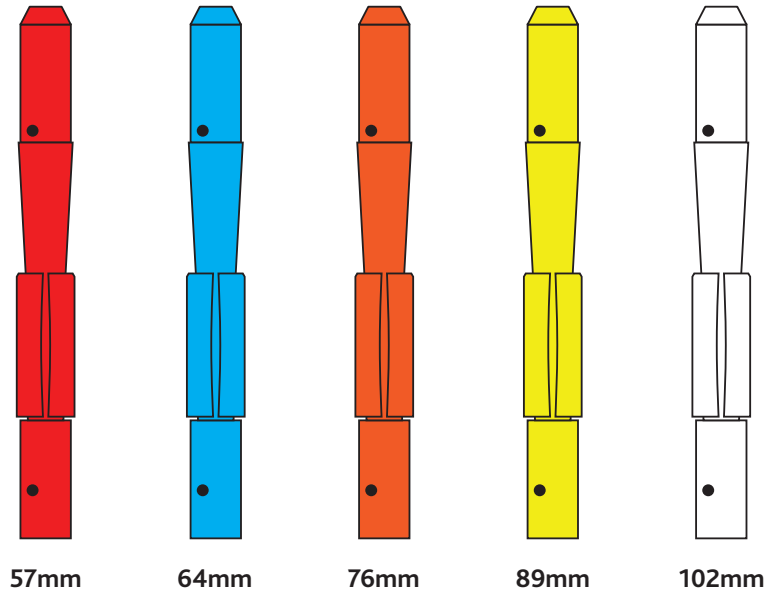
Installation Instruction

Outline of the correct procedure for installing standard size ME Safe LHPs to address the hazard of bogged drill rods in 'up holes'

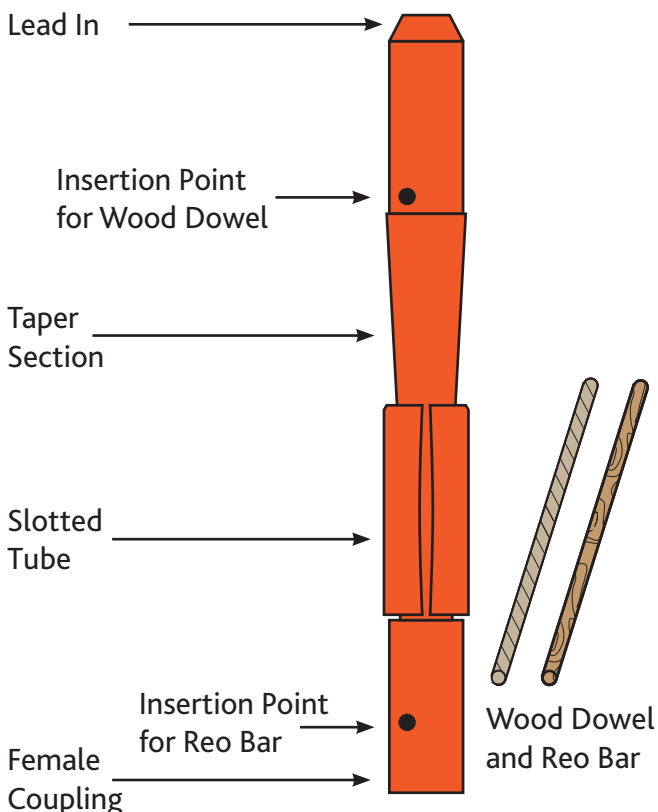
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SAFETY NOTES

- Ensure the LHP is free of grease and oils
- Remove all packaging prior to use
- Choose correct LHP size for hole
- Use you site specific manual handling procedures

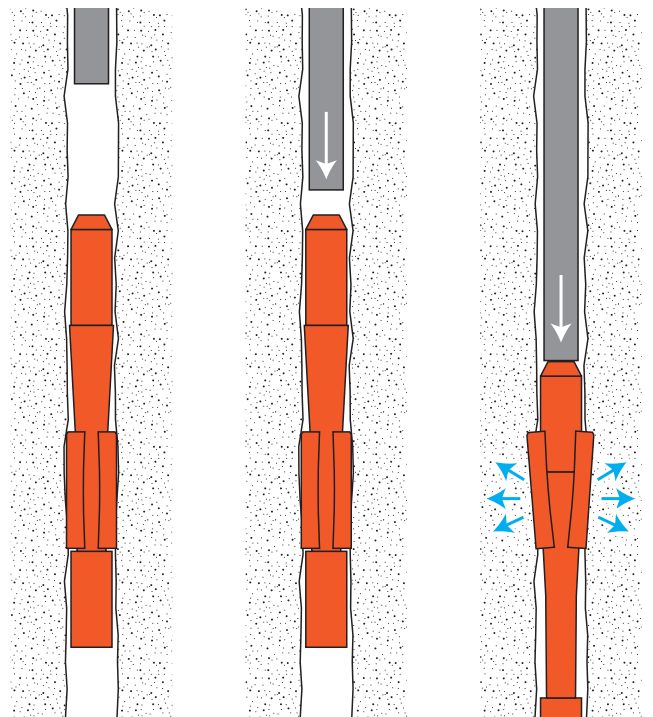


LHP COMPONENTS AND MECHANISM.



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The LHP behaves similar to an expansion shell anchor when struck by falling drill rods.



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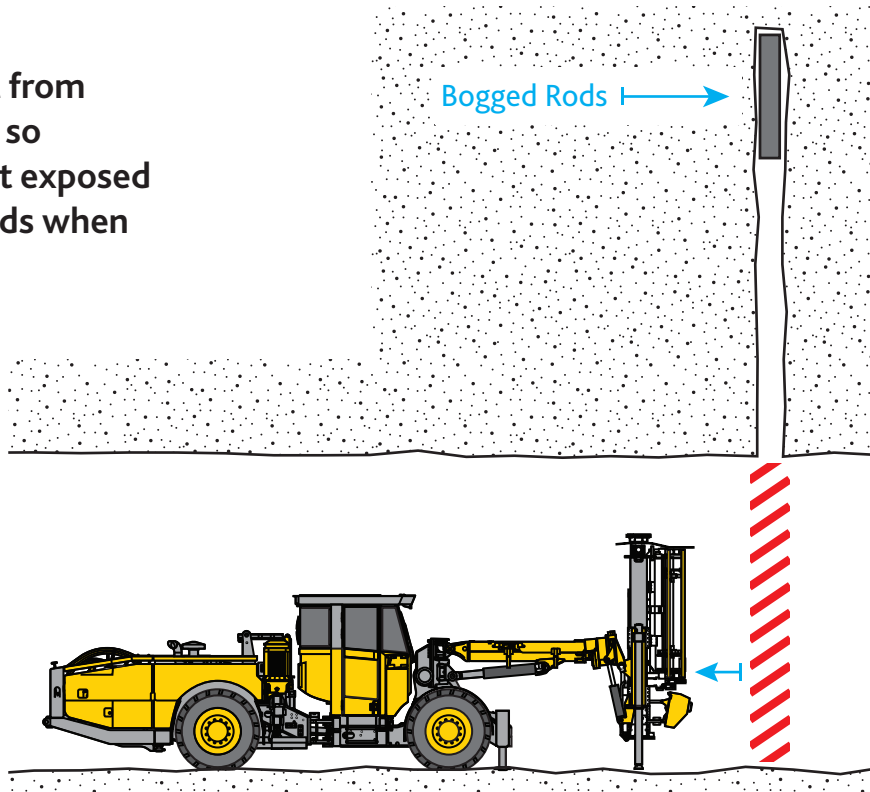
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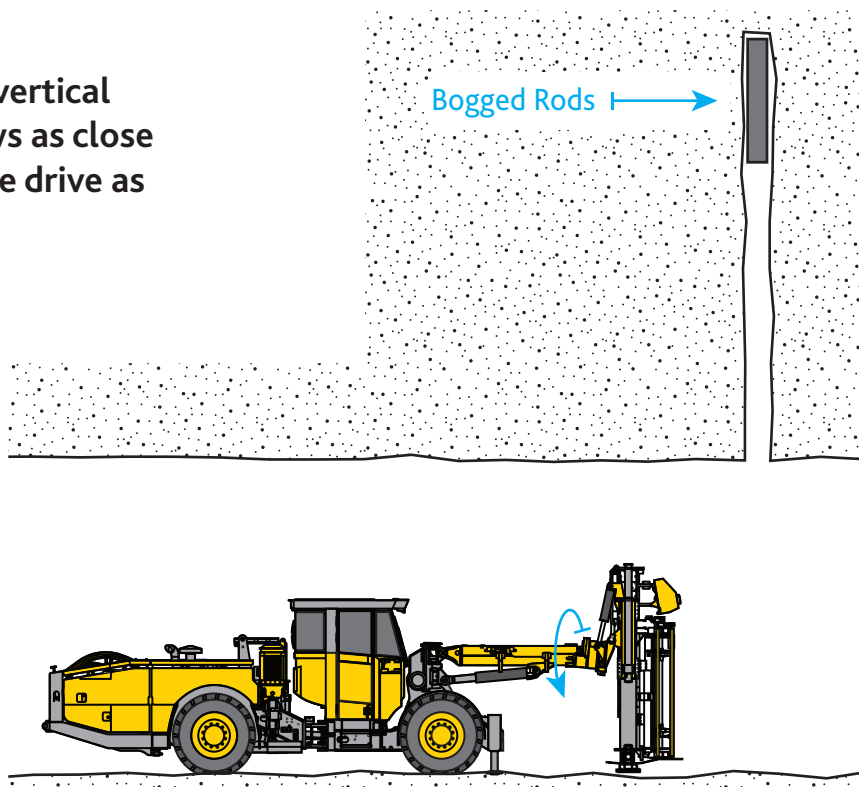
STEP 1

Move boom/drill from underneath hole so personnel are not exposed below bogged rods when accessing jaws.



STEP 2

Rotate boom to vertical position with jaws as close to the floor of the drive as possible.



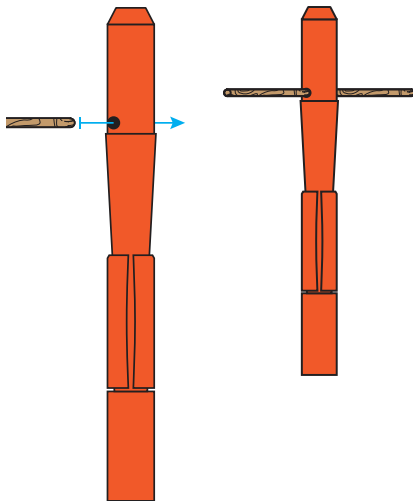
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STEP 3

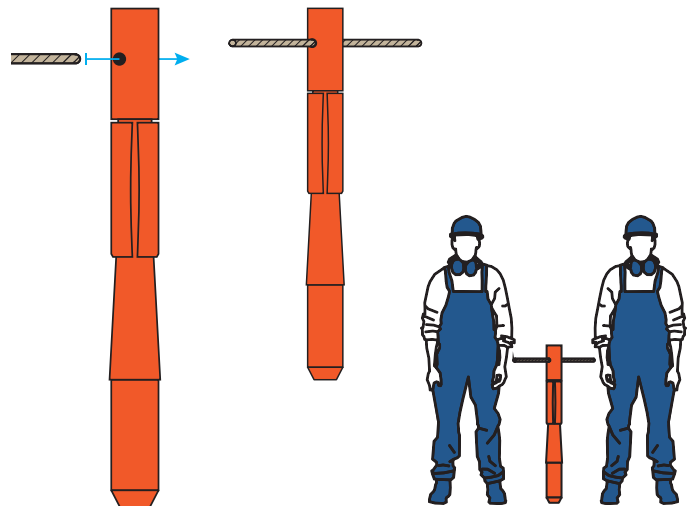
Insert wood dowel through hole in male end of LHP.



STEP 3A (large sizes only)

Insert supplied reo bar through hole in female coupling for 2 Man lift, if required.

IMPORTANT: Remove reo bar after lift



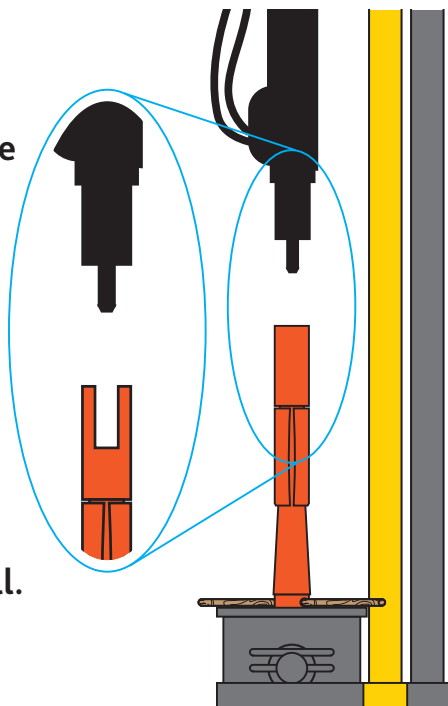
STEP 4

Place LHP in jaws of long hole drill.

Ensure female coupling is facing rock drill.

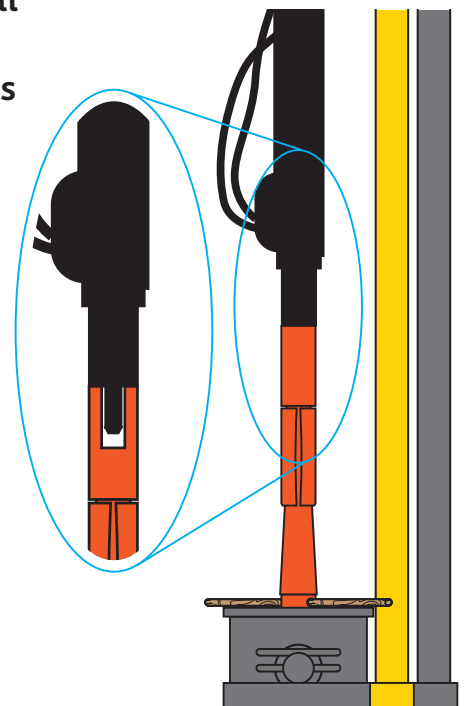
Close jaws to hold LHP vertical.

Wood Dowel locates LHP in jaws of drill.



STEP 5

Run rock drill down boom until shank is housed in the female coupling of the LHP.



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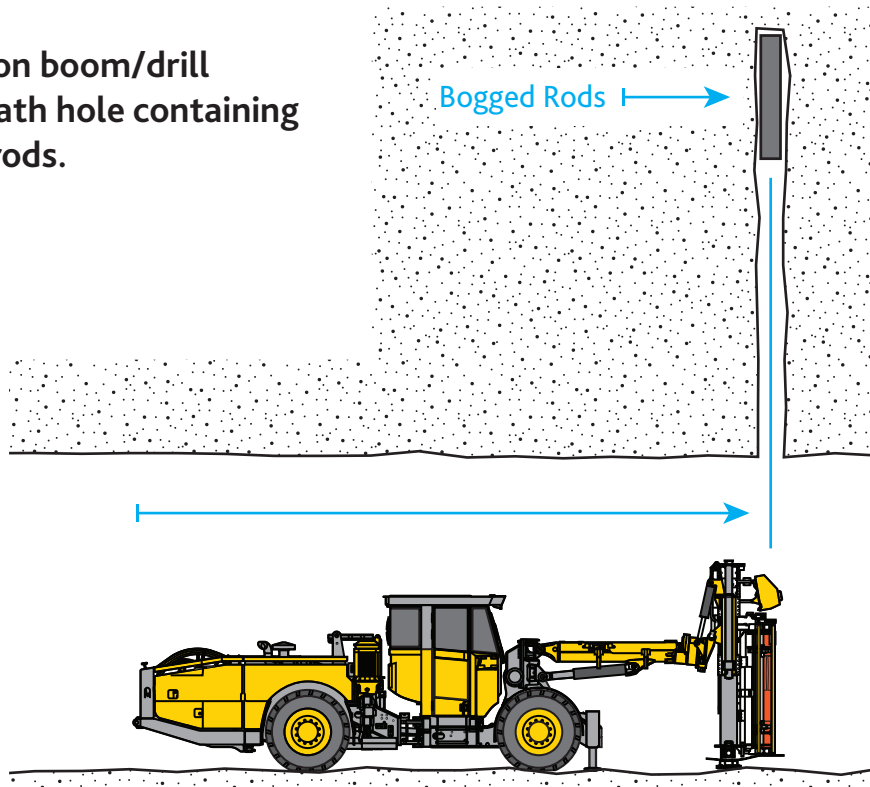
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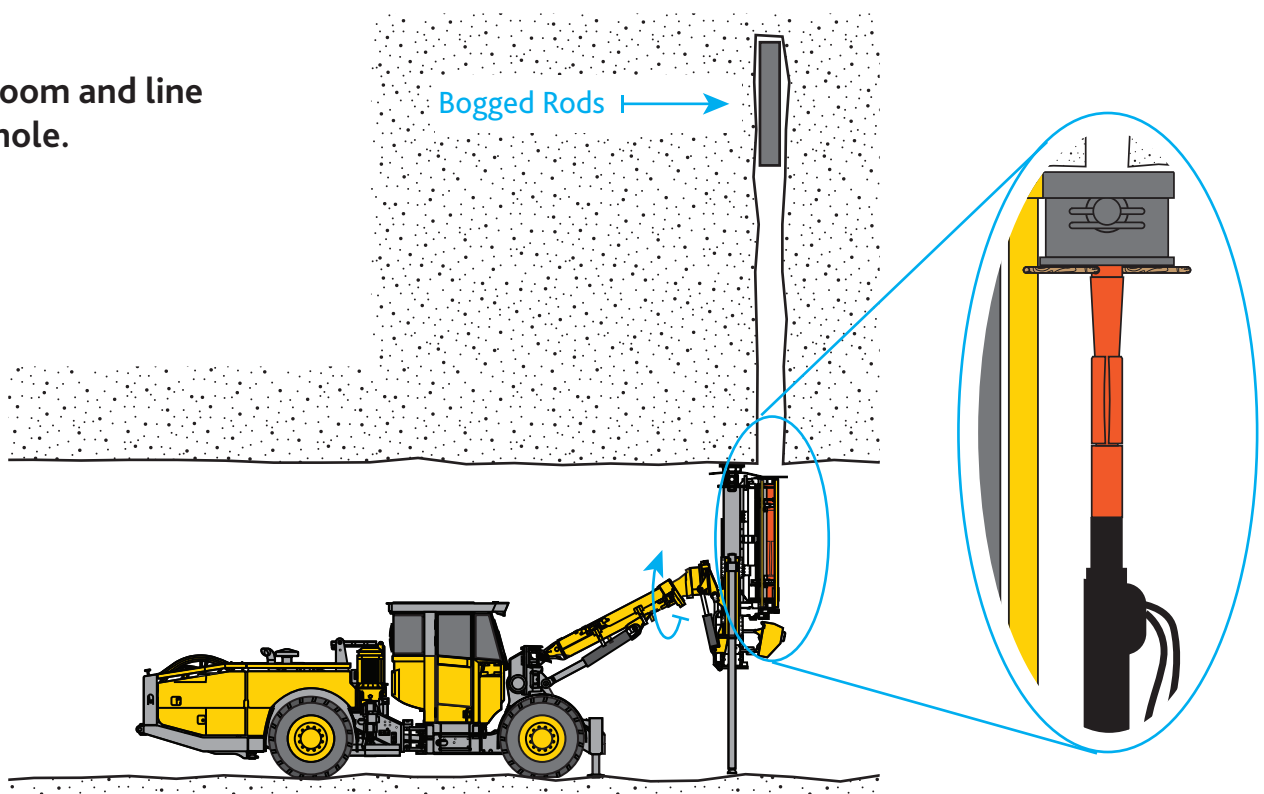
STEP 6

Reposition boom/drill underneath hole containing bogged rods.



STEP 7

Rotate boom and line up with hole.



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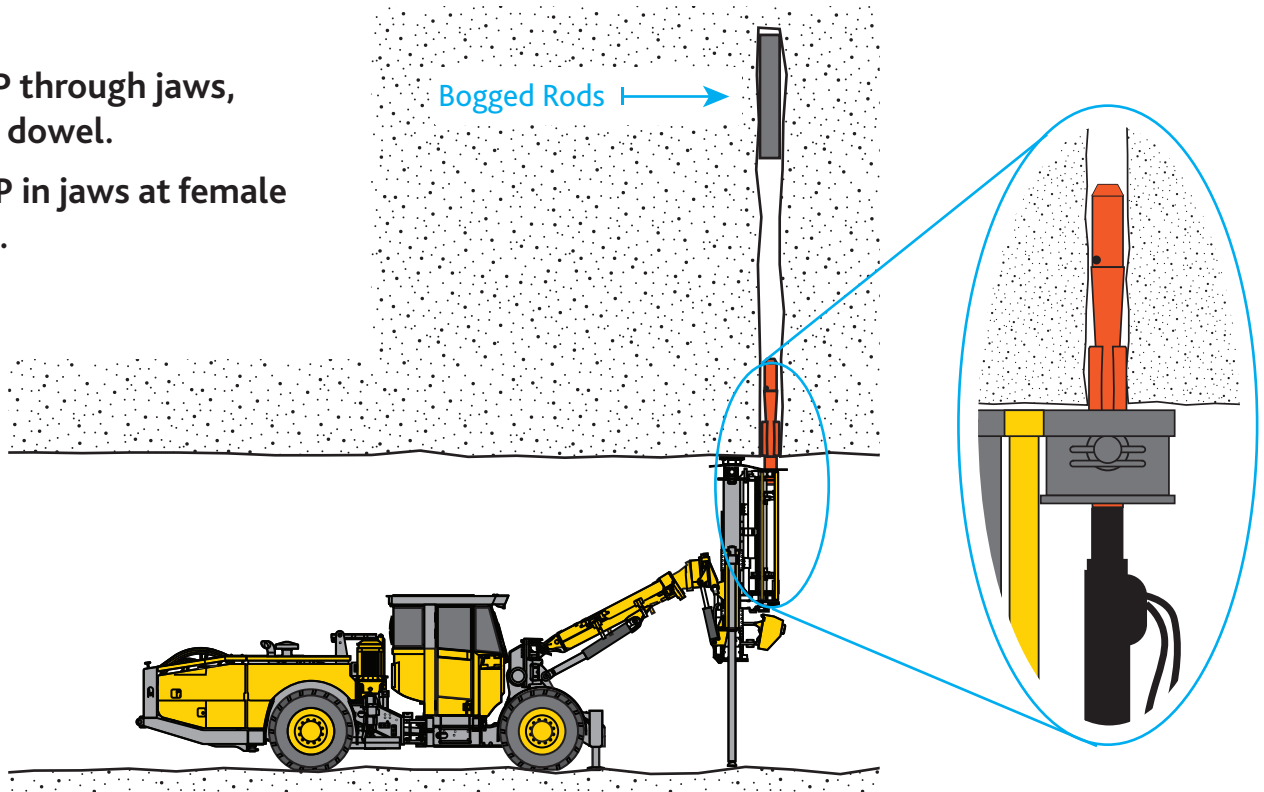


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STEP 8

Push LHP through jaws, breaking dowel.

Hold LHP in jaws at female coupling.

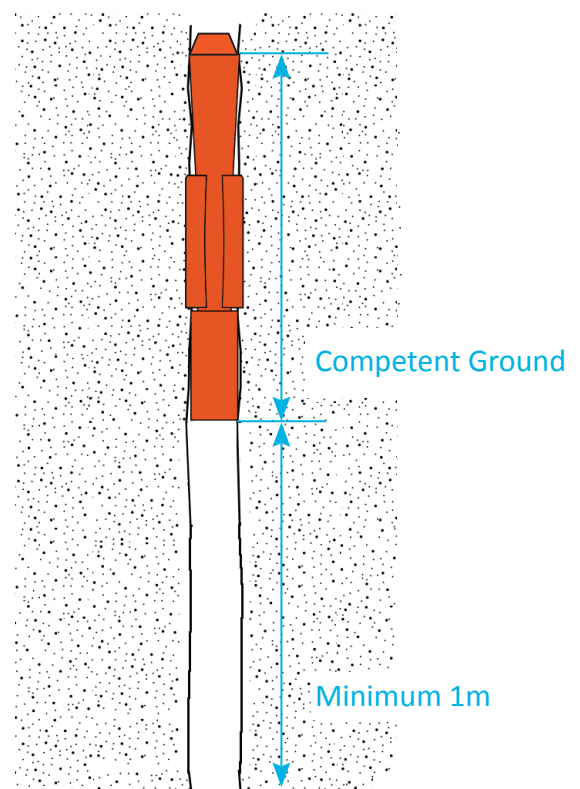


STEP 9

Index 1 drill rod.

Install LHP using percussion only.

Install LHP minimum 1 metre into competent ground.



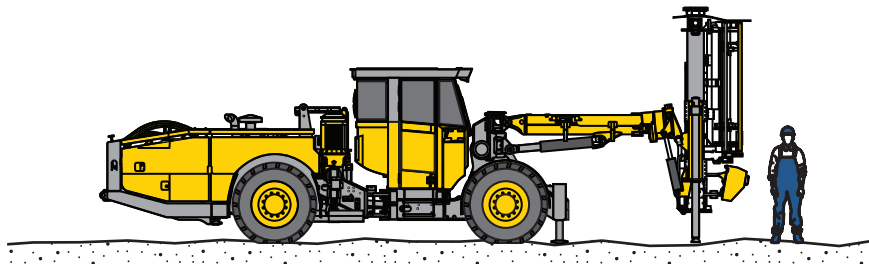
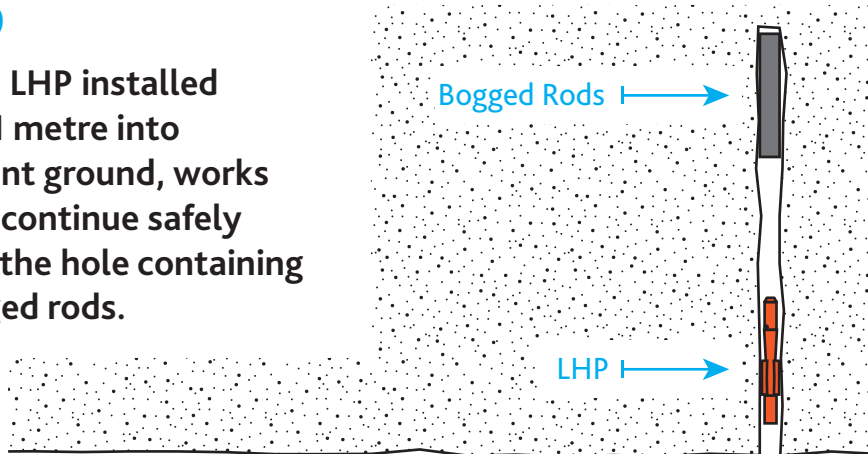
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STEP 10

With the LHP installed at least 1 metre into competent ground, works can now continue safely beneath the hole containing the bogged rods.



STEP 11

If the rods fall, the taper is forced into the slotted tube which expands and prevents the rods falling out of the hole.

