

Step-by-step Deduction:

1. From the clues:

- **Clue 3:** Mike → Morning shift
- **Clue 6:** Jess → Evening shift
- **Clue 9:** Sarah → Afternoon shift

So the remaining shift (Night) must be **Tom**

So far:

Operator Shift

Mike	Morning
Sarah	Afternoon
Jess	Evening
Tom	Night

2. Clue 8: Night shift → Telehandler → So Tom runs Telehandler

3. Clue 2: Telehandler → Warehouse lot → So Tom is on Warehouse lot

So far:

Operator	Shift	Machine	Site
Mike	Morning		
Sarah	Afternoon		
Jess	Evening		

Operator	Shift	Machine	Site
Tom	Night	Telehandler	Warehouse lot

4. Clue 4: Bulldozer ≠ Tom → So Bulldozer ≠ Telehandler

- So Bulldozer ≠ Tom
- Bulldozer is on Land Clearing
- Bulldozer operator is not Tom (so must be Mike, Sarah, or Jess)

5. Clue 5: Excavator → Building foundation ≠ Jess

6. Clue 7: Grader → Road construction

7. Clue 1: Sarah ≠ Bulldozer, Sarah ≠ Grader

- Sarah must run **Excavator** (only one left for her)
- Sarah = Excavator
- Excavator is on Building foundation (from Clue 5)
- So Jess ≠ Excavator (Clue 5), Sarah = Excavator Works!

So far:

Operator	Shift	Machine	Site
Mike	Morning		
Sarah	Afternoon	Excavator	Building foundation
Jess	Evening		
Tom	Night	Telehandler	Warehouse lot

8. Machines left: Bulldozer, Grader

Operators left to assign machines to: Mike, Jess
Sarah already has Excavator
Tom has Telehandler

From Clue 1: Jess ≠ Excavator — already done
From Clue 4: Bulldozer ≠ Tom — already done
Clue 7: Grader = Road construction

Only Sarah left without site → already has Building foundation
Only Jess & Mike left without machines/sites

→ Jess can't be Excavator
→ Jess must be Grader
→ Grader = Road construction
→ So Jess = Grader = Road construction

Which leaves Mike = Bulldozer = Land clearing

Final Answer:

Operator	Shift	Machine	Job Site
Mike	Morning	Bulldozer	Land clearing
Sarah	Afternoon	Excavator	Building foundation
Jess	Evening	Grader	Road construction
Tom	Night	Telehandler	Warehouse lot