



## WASHWATER CIRCUIT

### DESCRIPTION

1. Two submersible pumps are installed on the downstream side of the bandscreens and supply washwater to the screen jetpipes.
2. The pumps operate on a duty/standby basis, each pump having sufficient capacity for the two screens.
3. The pumps deliver to a common main which includes a washwater strainer to collect fine particles which might otherwise block the screen jets. The strainer houses two straining baskets allowing one to be cleaned while the other remains in service.
4. Manual isolating valves are provided at each pump delivery and each jetpipe branch. Non-return valves are fitted at each pump delivery and motorised valves on each jetpipe provide washwater control.
5. Pressure switches are fitted upstream and downstream from the strainer to provide indication of washwater failure and to automatically start the stand-by pump in the event of a duty pump failure.
6. A diagrammatic layout of the system is shown right.

