River Deposit Recovery Processes

1. Mining

2. Gravel recovery (Screening)
   - Rock
   - Sold

3. Black sand recovery (Gravity eq.)
   - Black sand
   - Minerals separation
     - Heavy metals
       - Magnetite
     - Hematite

5. Sand & silt recovery (Cyclones)
   - Sand
   - Silt
   - Sold

6. Fines recovery (Thickener + press)
   - Filter cake

7. Water treatment

Reservoir