

Mineral Operations

(Some of the Issues)



Mineral Planning - Key Considerations:

- Minerals are essential for development, to maintain our quality of life and to create sustainable communities.
- The need for minerals must be carefully balanced against the impacts of extraction on people and the environment.
- A primary aim of minerals planning is the careful mitigation and minimisation of inevitable physical impacts of extraction and processing.



Environmental Impacts (1)

- **Noise** – Vehicular, Plant and Machinery



- **Groundwater** – Protection/Abstraction

- **Surface Water** – Dewatering/Abstraction



Environmental Impacts (2)

- **Blasting** – Vibration/Air Overpressure



- **Mineral Waste** – Management



Environmental Impacts (3)

- **Air Quality** – Dust/CO₂/PM₁₀s



- **Traffic** – Safety/Capacity/Noise

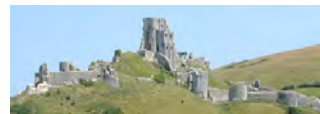
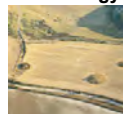


Environmental Impacts (4)


- **Visual Intrusion** – Local/Distant



- **Archaeology** – Preservation/Removal.






**Bournemouth, Dorset and Poole
Minerals Core Strategy**




Environmental Impacts (5)

- **Land Instability** – Mining/Tips/Lagoons

- **Landscape Character** – Damage.





**Bournemouth, Dorset and Poole
Minerals Core Strategy**






Environmental Impacts (6)

- **Ecology** – Biodiversity/Wildlife Habitats/Flora and Fauna






- **Geodiversity** – Geological and Geomorphological Features



**Bournemouth, Dorset and Poole
Minerals Core Strategy**



**How can the Core Strategy be Used
as a Mechanism for Minimising the
Potential Adverse Impacts of
Mineral Extraction in Dorset?**

