



PROJECTS

ENVIRONMENTAL AUDIT

Audit 2



BHP BILLITON IRON ORE PTY LTD: ENVIRONMENTAL AUDIT OF PILBARA IRON ORE OPERATIONS

An environmental audit to collate a contaminated sites register was undertaken on behalf of BHPB, in compliance with the Contaminated Sites Bill 2000.

Nine operational sites throughout the Pilbara were reviewed, including:

- Mt Whaleback
- Yandi (Marillana Creek)
- Jimblebar
- Ore Body 23/25
- Redmont Railcamp
- Yarrie/Nimingarra
- Finucane Island
- Nelson Point



A review of existing site investigation data was undertaken and a list of potentially contaminated sites was compiled.



A walkover survey of each area was undertaken together with a preliminary sampling exercise involving surface or shallow subsurface soils. A contaminated sites register was compiled including soil & groundwater analyses with comparison to applicable NEPC 1999 and ANZECC 2000 guidelines.

Report formatting was compatible with a GIS database for future development. An initial qualitative risk assessment was undertaken using the BHP OHS&E guidelines.



Recommendations were made for an appropriate environmental management plan for each area.

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