## Rehabilitation

### Rehabilitation Type

In accordance with N/a

### Sarah’s Reef

#### Significant Residual Impact

The offset Ministerial Condition is proposed in the Mining Area C - Southern Flank Proposal.

The outcomes of this study will provide time-lag?

#### Ghost Bat

BHP Billiton Iron Ore has commissioned a new mine infrastructure (including stockpiles for Overburden Storage Areas (OSAs) and roads).

Minimise clearing through the use of backfill.

Minimise clearing for OSAs through the use of backfill.

### Responses

#### BHP Billiton Iron Ore

- Yes. BHP Billiton Iron Ore has seen recent successes in the rehabilitation of OSAs at various Pilbara operations, albeit limited data. BHP Billiton Iron Ore has successes in rehabilitating a range of low-impact disturbances of a comparable nature and timeframe at various Pilbara operations.

- No. Various closure scenarios are being investigated, however, worst-case is that the depleted pit will not be backfilled.

- The Proponent acknowledges that there is currently limited data available to demonstrate the quality of the post-mining OSA to its pre-mining condition, however, there have been some successes. The Proponent has had successes in rehabilitating ‘low impact’ clearing disturbance back to a similar pre-mining condition. The Proponent proposes to compile case-studies and present to the EPA as part of discussions via working strategy groups.

- The Proponent proposes to compile case-studies for presentation to the EPA in future.

- According to the agreed significance framework, residual impact is considered to be significant because:
  - The Proponent would like the EPA to note that extensive rehabilitation monitoring data is currently being compiled to demonstrate the credibility of its rehabilitation proposed (evidence of demonstrated success).
  - The ‘worst-case’ scenario is that the depleted mine voids are addressed through investigations in relation to closure of mine pits where practicable. Further prioritising back-fill of depleted mine pits will not be back-filled.
  - The Proponent would like the EPA to note that there are comparable sites whereby mine batter and/or in-pit OSAs have been successfully rehabilitated. The Proponent proposes to compile case-studies and present in the OPA as part of discussions via working strategy groups towards in relation to future developments.

#### Environment

- The Proponent would like the EPA to note that notwithstanding the currently limited data, the Proponent proposes to compile case-studies for presentation to the EPA as part of discussions via working strategy groups.

#### Post-mining

- The Proponent proposes to compile case-studies for presentation to the EPA in future.

- The Proponent would like the EPA to note that there are comparable sites whereby mine batters and ‘in-pit OSAs’ have been successfully rehabilitated. The Proponent proposes to compile case-studies and present to the EPA as part of discussions via working strategy groups.

#### Monetary

- The Proponent would like the EPA to note that there are comparable sites whereby mine batter and ‘in-pit OSAs’ have been successfully rehabilitated. The Proponent proposes to compile case-studies for presentation to the EPA in future.

#### Strategic

- The Proponent would like the EPA to note that there are comparable sites whereby mine batter and ‘in-pit OSAs’ have been successfully rehabilitated. The Proponent proposes to compile case-studies for presentation to the EPA in future.

#### Management

- The Proponent would like the EPA to note that there are comparable sites whereby mine batter and ‘in-pit OSAs’ have been successfully rehabilitated. The Proponent proposes to compile case-studies for presentation to the EPA in future.

#### Additional

- The Proponent would like the EPA to note that there are comparable sites whereby mine batter and ‘in-pit OSAs’ have been successfully rehabilitated. The Proponent proposes to compile case-studies for presentation to the EPA in future.

#### Mitigation

- The Proponent would like the EPA to note that there are comparable sites whereby mine batter and ‘in-pit OSAs’ have been successfully rehabilitated. The Proponent proposes to compile case-studies for presentation to the EPA in future.

#### Approval

- The Proponent would like the EPA to note that there are comparable sites whereby mine batter and ‘in-pit OSAs’ have been successfully rehabilitated. The Proponent proposes to compile case-studies for presentation to the EPA in future.

#### Approvals Required

- The Proponent would like the EPA to note that there are comparable sites whereby mine batter and ‘in-pit OSAs’ have been successfully rehabilitated. The Proponent proposes to compile case-studies for presentation to the EPA in future.

#### Management Measures

- The Proponent would like the EPA to note that there are comparable sites whereby mine batter and ‘in-pit OSAs’ have been successfully rehabilitated. The Proponent proposes to compile case-studies for presentation to the EPA in future.

#### Additional Information

- The Proponent would like the EPA to note that there are comparable sites whereby mine batter and ‘in-pit OSAs’ have been successfully rehabilitated. The Proponent proposes to compile case-studies for presentation to the EPA in future.

#### References

- The Proponent would like the EPA to note that there are comparable sites whereby mine batter and ‘in-pit OSAs’ have been successfully rehabilitated. The Proponent proposes to compile case-studies for presentation to the EPA in future.