Title: Thunderbird Mineral Sands Project

Location: Shire of Broome, Shire of Derby West Kimberley

Ref ID: CMS15207 Date Received: 20-11-2015

Referrer: Ecologia Environment

Proponent: Sheffield Resources Limited

Contact: Mr Wayne Groeneveld

Telephone: 6168 7208

Preliminary Environmental Factors:
- Flora and Vegetation, Terrestrial Fauna, Hydrological Processes, Inland Waters
- Environmental Quality, Marine Environmental Quality, Heritage, Amenity, Rehabilitation and Decommissioning, Offsets

Potential Significant Effects:
- Potential impacts to terrestrial fauna, particularly the Greater Bilby, which is known to be located within the proposal area.
- Potential impacts from waste leachate to groundwater from the storage of mineral product within the tailings storage facility and in-pit storage,
- Potential impacts to significant vegetation and flora, including the disturbance to Priority 3 Flora species.

Public Comments on Referral Information:
- Assess - API A : 0
- Assess - API B : 7
- Assess - PER : 3
- Do Not Assess : 0
- TOTAL COMMENTS : 10

Explanation of Decision:
Several preliminary key environmental factors, some of which have potential to be complex. Detailed assessment is required to determine the extent of the proposal's direct and indirect impacts, including long-term impacts.

Chairman's Initials:

Date Signed: 14/12/15