

**Public record pursuant to s39(1) of the *Environmental Protection Act 1986***

**Proposal Title:** Revised Proposal Yangibana Expansion 1

**Proposal Location:** approximately 270 kilometres (km) east-northeast of Carnarvon, in the Upper Gascoyne region of Western Australia

**Case Number:** CMS 17941

**Date referral received:** 22-12-2020

**Referrer:** Hastings Technology Metals Ltd **Proponent:** Hastings Technology Metals Ltd

**Potential significant effects:**

The Revised Proposal will result in additional: Clearing of up to 1,500 hectares of native vegetation and fauna habitat. Impacts to groundwater dependent ecosystems from groundwater drawdown. Impact to subterranean fauna, in particular a Priority Ecological Community that supports stygofauna species from dewatering. Impact to terrestrial environmental quality from dispersal of saline, sodic and alkaline soils and naturally occurring radionuclides in tailings storage facilities (TSF). Impacts to inland waters from interruption in surface water flow, dewatering of groundwater and potential contamination from TSF and saline pit lakes. Impacts to human health from exposure to radiation that exceeds safe limits. Impacts to Social Surroundings from disturbance of Aboriginal heritage sites and the Fraser Creek heritage exclusion zone.

**Preliminary key environmental factors:** Flora and Vegetation, Terrestrial Fauna, Subterranean Fauna, Terrestrial Environmental Quality, Inland Waters, Social Surroundings, Human Health

**Public comment on referral information:**

Do not assess:	0
Assess: a) Referral information	0
b) Environmental review - no public review	0
c) Public environmental review	3
<i>Total submissions:</i>	3

**Decision:** s. 39A – Assess

**Level of assessment:**

Environmental Review – Public Environmental Review

**Other details**

Proponent prepared scoping document

Public review period for Environmental Review Document (4 weeks)

**Explanation of decision:**

Several preliminary key environmental factors are complex. Detailed assessment is required to determine the extent of the proposal's direct, indirect impacts and cumulative, assess the application of the mitigation hierarchy to the proposal.

**Appeals:** Decision not appealable.



**Prof. Matthew Tonts**

CHAIR

Delegate of the Environmental Protection Authority

**Date:** 1 February 2021