

Appendix 3 - PROPOSED ENVIRONMENTAL CONDITIONS

Revised Brockman Syncline 4 Iron Ore Project

Proposal: The proposal the Brockman Syncline 4 Iron Ore Project which is located approximately 60 km west-north-west of Tom Price in the Central Pilbara.

The proposal is further documented in Schedule 1 of this statement.

Proponent: Hamersley Iron Pty. Limited

Australian Company Number: 004558276

Proponent Address: Level 22

152-158 St George's Terrace

PERTH WA 6000

Assessment Number: xxxx

Previous Assessment Number: 1543

Report of the Environmental Protection Authority Number: xxxx

Previous Report of the Environmental Protection Authority Number: 1214

Previous Statement Number: 717 (Published 24 March 2006)

The implementation conditions of this Statement supersede the implementation conditions of Statement 717 in accordance with section 45B of the *Environmental Protection Act 1986*. The proposal referred to in the above report of the Environmental Protection Authority may be implemented. The implementation of this proposal is subject to the following implementation conditions and procedures, unless specifically stated otherwise within this Statement, and Schedule 1 details definitions of terms and phrases used in the implementation conditions and procedures.

Published on:

1. Proposal Implementation

- 1-1 When implementing the proposal, the proponent shall not exceed the authorised extent of the proposal as defined in Column 3 of Table 2 in Schedule 1, unless amendments to the proposal and the authorised extent of the proposal have been approved under the EP Act.

2. Contact Details

- 2-1 The proponent shall notify the CEO of any change of its name, physical address or postal address for the serving of notices or other correspondence within 28 days of such change. Where the proponent is a corporation or an association of persons, whether incorporated or not, the postal address is that of the principal place of business or of the principal office in the State.

3. Compliance Reporting

- 3-1 The proponent shall prepare and maintain a compliance assessment plan to the satisfaction of the CEO.
- 3-2 The proponent shall submit to the CEO the compliance assessment plan required by Condition 3-1 at least six months prior to the first compliance assessment report required by Condition 3-6, or prior to implementation, whichever is sooner.

The compliance assessment plan shall indicate:

- (1) the frequency of the compliance reporting;
 - (2) the approach and timing of compliance assessments;
 - (3) the retention of compliance assessments;
 - (4) the method of reporting of potential non-compliances and corrective actions taken;
 - (5) the table of contents of compliance assessment reports; and
 - (6) public availability of compliance assessment reports.
- 3-3 The proponent shall assess compliance with conditions in accordance with the compliance assessment plan required by Condition 3-1.
- 3-4 The proponent shall retain reports of all compliance assessments described in the compliance assessment plan required by Condition 3-1 and shall make those reports available when requested by the CEO.
- 3-5 The proponent shall advise the CEO of any potential non-compliance within seven days of that non-compliance being known.
- 3-6 The proponent shall submit to the CEO a compliance assessment report by 30 April each year addressing compliance of the previous calendar year. The first compliance assessment report shall be submitted by 30 April 2015 addressing compliance for the previous calendar year and shall replace the compliance assessment report required for Statement 717.

The compliance assessment report shall:

- (1) be endorsed by the proponents Managing Director/General Manager/Chief Executive Officer or a person delegated to sign on the Managing Director's/General Manager's/Chief Executive Officer's behalf;
- (2) include a statement as to whether the proponent has complied with the conditions;
- (3) identify all potential non-compliances and describe corrective and preventative actions taken;
- (4) be made publically available in accordance with the approved compliance assessment plan; and
- (5) indicate any proposed changes to the compliance assessment plan required by Condition 3-1.

4. Public Availability of Data

4-1 Subject to Condition 4-2, within a reasonable time period approved by the CEO of the issue of this statement and for the remainder of the life of the proposal the proponent shall make publically available, in a manner approved by the CEO, all validated environmental data (including sampling design, sampling methodologies, empirical data and derived information products {e.g. maps}) relevant to the assessment of this proposal and implementation of this statement.

4-2 If any data referred to in Condition 4-1 contains particulars of:

- (1) A secret formula or process; or
- (2) Confidential commercially sensitive information;

the proponent may submit a request for approval from the CEO to not make the data publically available. In making such a request the proponent shall provide the CEO with an explanation and reasons why the data should not be made publically available.

5. Surface Water Discharge (Protection of Boolgeeda Creek)

5-1 The proponent shall ensure that the discharge of surplus water from the Brockman Syncline 4 Iron Ore Project as a result of mining does not cause unacceptable long term impacts on the receiving environment.

5-2 To verify that Condition 5-1 is being met, the proponent shall develop a high level environmental and conservation values statement for Boolgeeda Creek to the satisfaction of the CEO.

5-3 Prior to discharging water from the Brockman Syncline 4 Iron Ore Project, the proponent shall develop a Water Discharge Management and Monitoring Plan in consultation with the DoW, to the satisfaction of the CEO, to ensure that the environmental and conservation values associated with Boolgeeda Creek are maintained.

This plan will describe the water discharge management and monitoring program and actions to be implemented should monitoring indicate Condition 5-1 may not be met.

5-4 The proponent shall implement the Water Discharge Management and Monitoring Plan from the commencement of discharge of excess water from the Brockman Syncline 4 Iron Ore Project until such time as approved by the CEO of the OEPA.

6. Decommissioning and Closure

- 6-1 The proponent shall implement the Brockman Syncline 4 Mine Closure Plan in accordance with the *Guidelines for Preparing Mine Closure Plans*, June 2011 and any updates, to the requirements of the CEO on advice of the Department of Mines and Petroleum.
- 6-2 The proponent shall ensure that closure planning and rehabilitation for Brockman Syncline 4 is carried out in a coordinated progressive manner and is integrated into relevant business processes, consistent with current best practice and the agreed land uses.
- 6-3 The Mine Closure Plan required by Condition 6-1 shall set out procedures to:
- (1) manage long term hydrogeological impacts of mining Brockman iron ore deposits;
 - (2) model the long-term hydrogeological impacts, particularly the water levels and quality downstream of waste material landforms;
 - (3) identify pits to be backfilled;
 - (4) progressively rehabilitate available disturbed areas to a standard suitable for the agreed end land use (s), with consideration of:
 - a) the characteristics of the pre-mining ecosystems within the project area (through baseline surveys);
 - b) the performance of previously rehabilitated areas within the mining lease;
 - c) the performance of rehabilitation areas at the proponent's other operations in the Pilbara; and
 - d) best practice rehabilitation techniques used elsewhere in the mining industry.
 - (5) develop closure objectives and corresponding indicative completion criteria for these objectives;
 - (6) monitor rehabilitation to assess the performance of all rehabilitated areas against the completion criteria;
 - (7) report on rehabilitation and monitoring results;
 - (8) develop management strategies and/or contingency measures in the event that operational experience and/or monitoring identify any significant environmental impact as a result of the proposal;
 - (9) manage mineral waste including physical characteristics and acid or neutral metalliferous drainage using national and international standards and updates; and
 - (10) close the mine in a manner which does not result in unacceptable liability to the State.
- 6-4 The proponent shall review and revise the Mine Closure Plan required by Condition 6-1 at intervals not exceeding six years.

Table 1 Summary of the B4 Revised Proposal

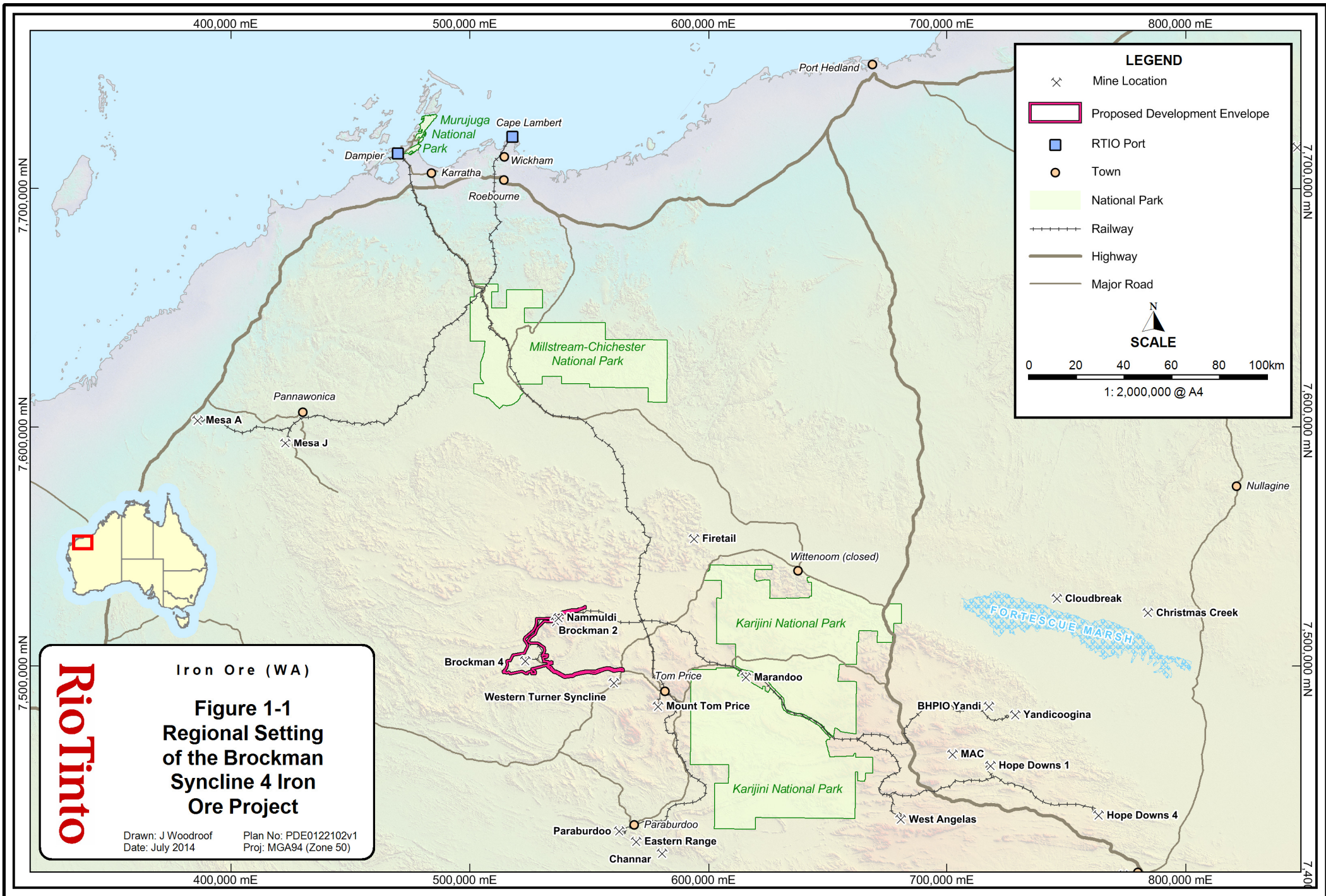
	Description
Proposal Title	Brockman Syncline 4 Iron Ore Project – Revised Proposal
Proponent Name	Hamersley Iron Pty Limited
Short description	<p>The Brockman Syncline 4 Iron Ore Project – Revised Proposal is located approximately 60 km west-north-west of Tom Price in the Central Pilbara. The Revised Proposal includes:</p> <ul style="list-style-type: none"> • mining both above and below the water table; • dry processing plant; • associated mine infrastructure and supporting utilities; • access roads from Brockman 2 to Brockman 4; and Nanutarra Road to Brockman 4 (White Quartz Road); • an existing rail spur with siding works from the Brockman 4 to the rail spur at Brockman 2 Iron Ore Mine; • clearing of up to 3,560 hectares of native vegetation; and • dewatering of up to 6.4GL per year over the life of Brockman 4 with surplus dewater management including onsite use and discharge to Boolgeeda Creek.

Table 2 Location and Extent of Physical Elements of the – B4 Revised Proposal

Element	Location	Proposed Extent
Mine Operations Area (refer to Section Error! Reference source not found.)	Area 1 on Figure 2-1	Clearing no more than 2,160 hectares within a 20,046 ha Development Envelope. Mining of deposit to a depth of 150m.
Linear Infrastructure Corridors	Area 2 Figure 2-1	Clearing no more than 1,400 hectares within a 20,046 ha Development Envelope.
Backfilling of mine pits	Area 1 on Figure 2-1	Mine pits are to be backfilled at closure so that the final surface levels are at a higher elevation than the pre-mining groundwater level to prevent the formation of pit lakes.

Table 3: Location and Extent of Operational Elements of the – B4 Revised Proposal

Element	Location	Proposed Extent
Water abstraction	Area 1 on Figure 2-1	Groundwater abstraction no more than 6.4 GL/a.
Management of surplus dewater	Figure 2-1	Dewater disposal through use on site and controlled surface discharge of surplus water to Boolgeeda Creek of no more than 6.4 GL/a.



LEGEND

- ✕ Mine Location
- ▭ Proposed Development Envelope
- ▣ RTIO Port
- Town
- National Park
- +++++ Railway
- Highway
- Major Road

N

SCALE

0 20 40 60 80 100km

1: 2,000,000 @ A4

Rio Tinto

Iron Ore (WA)

Figure 1-1
Regional Setting
of the Brockman
Syncline 4 Iron
Ore Project

Drawn: J Woodroof Plan No: PDE0122102v1
 Date: July 2014 Proj: MGA94 (Zone 50)

