

Report

Compliance Assessment Report: Ministerial Statement 862

Solomon Project

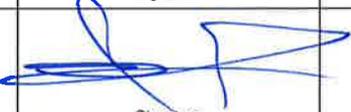
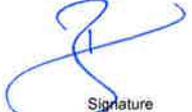
March 2012
600SO-00000-RP-EN-0005_Rev 0



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		Compliance Assessment Report: Ministerial Statement 862		600SO-0000-RP-EN-0004_Rev 0	
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EXECUTIVE SUMMARY

This compliance assessment report (CAR) has been prepared to meet the reporting requirements of the Compliance Assessment Plan (CAP) developed by Fortescue Metals Group Limited (Fortescue) for Ministerial Statement 862 (MS 862). Under the terms of Condition 4 of MS 862, a CAR is required to be submitted annually to the Office of the Environmental Protection Authority (OEPA), and is to be made publicly available via the Fortescue website. This CAR covers the reporting period from the date of approval of the proposal, April 2011 to the end of the 2011 calendar year.

The Solomon Project continues to develop and is currently on schedule to commence commissioning during the 2012 year. Mining Proposals approved to date reflect the staged approach to the development of the project. It is anticipated that a final Mining Proposal and Closure Plan will be submitted to reflect full operation in mid 2012.

Assessment of the project's progress against the Compliance Assessment Plan demonstrates that Fortescue is compliant with all but two conditions applicable to the current stage of development for the project.

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1. INTRODUCTION

Fortescue Metals Group Limited (Fortescue) is developing the Pilbara Iron Ore and Infrastructure Project, which involves a series of iron ore mines in the Chichester Range area of the Pilbara region of Western Australia, and associated rail and port infrastructure for export of iron ore through Port Hedland.

The Solomon Project (the Project) includes development of two greenfield iron ore mine sites at the Firetail and Kings prospects. Work previously conducted by Fortescue in the Solomon area prior to approval of the Project included exploration drilling for resource definition and hydrological and environmental investigations.

Following approval for development of the Project in 2011, the following support infrastructure was constructed or is nearing completion at the end of the reporting period (31 December 2011):

- Castle Camp, Dally Camp and Kangi Camp;
- Fuel storage facilities;
- Power supply through temporary generators;
- Water supply provided from groundwater bores licensed under the *Rights in Water and Irrigation Act 1914*;
- Upgraded LV roads;
- Temporary explosives facility; and
- HV workshop.

Table 1 identifies the mining proposals and associated approval documentation approved during the reporting period.

Table 1: Mining proposals and associated approval documentation approved during reporting period

Approval Document	Doc Number
Mining Proposals	
Castle Camp Expansion and Gate House	SO-AP-EN-0003_Rev1
Dally Camp	SO-PP-EN-0017_Rev0
Early Ore Mining and Infrastructure Development	SO-PP-EN-0015_Rev2
Infrastructure Development Stage 2	SO-PP-EN-0019_Rev2
Rail Camp 3 (Briney) L47/375	SO-AP-EN-0004_Rev2
Mine Closure Plan	
Solomon Project Mine Closure Plan	SO-PL-EN-0002
Works Approvals	
Airport Mobile Crushing Facility	SO-WA-EN-0009_Rev0
Castle Camp WWTP Upgrade	SO-WA-EN-0002_Rev1
Dally Camp WWTP	SO-WA-EN-0003_Rev0
Direct Shipping Ore Process Plant	SO-WA-EN-0007_Rev0
Ellie Camp WWTP	SO-WA-EN-0004_Rev1
Fergie Camp WWTP	SO-RP-EN-0016_Rev0
Mobile Crushing Facility	SO-WA-EN-0005_Rev0
Rail Camp 1 (Airey) WWTP	SO-AP-EN-0005_Rev0
Rail Camp 3 (Briney) WWTP	600SO-15023-WA-EN-0001_Rev0
Rail Camp 4 (Firetail) WWTP	600SO-15023-WA-EN-0003_Rev0
Native Vegetation Clearing Permit Applications	
Rail Camp 1 (Airey)	600SO-15023-PE-EN-0001_Rev0
Rail Camp 3 (Briney)	600SO-15023-PE-EN-0002_Rev0
Section 45c	
Additional Rail Disturbance	SO-RP-EN-0018_Rev1

The following mining proposals have been submitted or are scheduled for submission within the 2012 calendar year;

- Tailings Storage Facility 1 Mining Proposal;
- Dry Processing Mining Operations Mining Proposal; and
- Full Production Mining Proposal

Fortescue has also commenced construction of the Solomon rail spur under MS 862, which will link the Solomon Mine Project to Fortescue's existing north-south rail line, approximately 127 kilometres to the east.

The Solomon Iron Ore Project was assessed through a Public Environmental Review (PER) under Part IV of the *Environmental Protection Act 1986* (EP Act) and approved on 20 April 2011

under MS 862. Since this time, additional disturbance for the construction of the rail formation has been subsequently approved through Section 45C of the *Environmental Protection Act 1986* by the Environmental Protection Authority (EPA) on 13 December 2011. A Native Vegetation Clearing Permit (NVCP) application was lodged with the Department of Environment and Conservation (DEC) in December 2011.

The rail corridor is also regulated through a licence granted under Fortescue's *Railway and Port (The Pilbara Infrastructure Pty Ltd) Agreement 2004*. All works being undertaken (and proposed) for the Solomon rail spur occur within this Special Railway Licence (SRL) corridor.

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2. COMPLIANCE AUDIT

Table 2: Compliance Audit of Ministerial Statement 862

Note:

- Phases that apply in this table = Pre-Construction, Construction, Operation, Decommissioning, Overall (several phases).
- This audit table is a summary and timetable of conditions and commitments applying to this project. Refer to the Minister's Statement for full detail/precise wording of individual elements.
- Code prefixes: M = Minister's condition, P = Proponent's commitment.
- Acronyms list: CAP = Compliance Assessment Plan; CAR = Compliance Assessment Report; CEO = Chief Executive Officer of OEPA; DEC = Department of Environment and Conservation; DIA = Department of Indigenous Affairs; DMP = Department of Mining and Petroleum; DoH = Department of Health; DoW = Department of Water, EPA = Environmental Protection Authority; FMGL = Fortescue Metals Group Limited, Minister for Env = Minister for the Environment; OEPA = Office of the Environmental Protection Authority.
- Compliance Status: C = Compliant, CLD = Completed, NA = Not Audited, NC = Non – compliant, NR = Not Required at this stage. Please note the terms VR = Verification Required and IP = In Process are only for OEPA use.

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M1.1	Proposal Implementation	The proponent shall implement the proposal as documented and described in schedule 1 of this statement subject to the conditions and procedures of this statement.	Compliance assessment.	CAR	Continual for duration of project.	Proposal implemented as per schedule 1, refer to Key Characteristics Table (Table 2)	C
862:M2.1	Proponent Nomination and Contact Details	The proponent for the time being nominated by the Minister for Environment under sections 38(6) or 38(7) of the <i>Environmental Protection Act 1986</i> is responsible for the implementation of the proposal.	Compliance assessment.		Continual for duration of project.	Fortescue remains the proponent for this project.	C

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M2.2	Proponent Nomination and Contact Details	The proponent shall notify the Chief Executive Officer of the Office of the Environmental Protection Authority of any change of the name and address of the proponent for the serving of notices or other correspondence within 30 days of such change.	Letter notifying the CEO of any change in proponent details. Compliance assessment.	CAP Copies of correspondence	Within 30 days of any change.	No change in details for 2011.	NR
862:M3.1	Time Limit of Authorisation	The authorisation to implement the proposal provided for in this statement shall lapse and be void five years after the date of this statement if the proposal to which this statement relates is not substantially commenced.	Compliance assessment.	Copies of correspondence	Continual for duration of project.	The proposal has substantially commenced within five years. (100-EN-0047)	CLD
862:M3.2	Time Limit of Authorisation	The proponent shall provide the Chief Executive Officer of the Office of the Environmental Protection Authority with written evidence which demonstrates that the proposal has substantially commenced on or before the expiration of five years from the date of this statement.	Letter notifying the CEO that the proposal has substantially commenced and providing evidence. Compliance assessment.	CAP Copies of correspondence	Within 5 years of commencement of the Ministerial Statement.	CEO of OEPA notified of substantial commencement of project (100-EN-0047)	CLD
862:M4.1	Compliance Reporting	The proponent shall prepare and maintain a compliance assessment plan to the satisfaction of the Chief Executive Officer of the Office of the Environmental Protection Authority.	Provision of CAP to OEPA and modification as required.	Copies of correspondence advising of satisfaction with CAP. Approved CAP	By 19 January 2012, or prior to implementation, whichever is sooner.	CAP approved by CEO of OEPA (LR-100-E-2783) within timeframe.	CLD

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M4.2.0	Compliance Reporting	The proponent shall submit to the Chief Executive Officer of the Office of the Environmental Protection Authority the compliance assessment plan required by condition 4-1 at least six months prior to the first compliance report required by condition 4-6, or prior to implementation, whichever is sooner.	Provision of CAP to OEPA and modification as required.	CAP Copies of correspondence	By 19 January 2012, or prior to implementation, whichever is sooner.	CAP approved by CEO of OEPA (LR-100-E-2783) within timeframe.	CLD
862:M4.2.1	Compliance Reporting	The compliance assessment plan shall indicate the frequency of compliance reporting.	Provision of CAP to OEPA and modification as required.	CAP Copies of correspondence	By 19 January 2012, or prior to implementation, whichever is sooner.	CAP indicates frequency of compliance reporting (LR-100-E-2783).	CLD
862:M4.2.2	Compliance Reporting	The compliance assessment plan shall indicate the approach and timing of compliance assessments.	Provision of CAP to OEPA and modification as required.	CAP Copies of correspondence	By 19 January 2012, or prior to implementation, whichever is sooner.	CAP indicates approach and timing of compliance assessments (LR-100-E-2783).	CLD
862:M4.2.3	Compliance Reporting	The compliance assessment plan shall indicate the method of reporting of potential non-compliances and corrective actions taken.	Provision of CAP to OEPA and modification as required.	CAP Copies of correspondence	By 19 January 2012, or prior to implementation, whichever is sooner.	CAP indicates the method of reporting of potential non-compliances and corrective actions taken (LR-100-E-2783).	CLD
862:M4.2.4	Compliance Reporting	The compliance assessment plan shall indicate the retention of compliance assessments.	Provision of CAP to OEPA and modification as required.	CAP Copies of correspondence	By 19 January 2012, or prior to implementation, whichever is sooner.	CAP indicates the retention of compliance assessments (LR-100-E-2783).	CLD

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M4.2.5	Compliance Reporting	The compliance assessment plan shall indicate the table of contents of compliance assessment reports.	Provision of CAP to OEPA and modification as required.	CAP Copies of correspondence	By 19 January 2012, or prior to implementation, whichever is sooner.	CAP indicates indicate the table of contents of compliance assessment reports (LR-100-E-2783).	CLD
862:M4.2.6	Compliance Reporting	The compliance assessment plan shall indicate public availability of compliance assessment reports.	Provision of CAP to OEPA and modification as required.	CAP Copies of correspondence	By 19 January 2012, or prior to implementation, whichever is sooner.	CAP indicates public availability of compliance assessment reports (LR-100-E-2783).	CLD
862:M4.3	Compliance Reporting	The proponent shall assess compliance with conditions in accordance with the compliance assessment plan required by condition 4-1.	Compliance assessment.	CAR	Annually, prior to 19 July.	Compliance has been assessed in accordance with the CAP. Refer to CAR (this document).	C
862:M4.4	Compliance Reporting	The proponent shall retain reports of all compliance assessments described in the compliance assessment plan required by condition 4-1 and shall make those reports available when requested by the Chief Executive Officer of the Office of the Environmental Protection Authority.	Retain and make available all compliance assessments. Compliance assessment.	CAR		All CARs retained in Fortescues document control system.	C
862:M4.5	Compliance Reporting	The proponent shall advise the Chief Executive Officer of the Office of the Environmental Protection Authority of any potential non-compliance within seven days of that non-compliance being known.	Documented notification of the CEO of any potential non-compliance.	Copies of correspondence CAR	Within 7 days of that non-compliance being known.	No potential non-compliances identified during the reporting period.	NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M4.6.1	Compliance Reporting	The proponent shall submit to the Chief Executive Officer of the Office of the Environmental Protection Authority the first compliance assessment report fifteen months from the date of issue of this Statement addressing the twelve month period from the date of issue of this Statement and then annually from the date of submission of the first compliance assessment report. The compliance assessment report shall be endorsed by the proponent's Chief Executive Officer or a person delegated to sign on the Chief Executive Officer's behalf.	Compliance assessment.	CAR	By 19 July 2012 and then annually by 19 July.	CAR submitted on 31 March 2012 within 15 months of date of issue of MS 862. CAR submitted early to align with remaining Fortescue Ministerial Statements and addresses the period 20 April 2011 to 31 December 2011, as approved by the OEPA (via email correspondence). Future CARs will address calendar years and will be submitted on or before 31 March of the following year. CAR endorsed by Fortescue CEO.	C
862:M4.6.2	Compliance Reporting	The proponent shall submit to the Chief Executive Officer of the Office of the Environmental Protection Authority the first compliance assessment report fifteen months from the date of issue of this Statement addressing the twelve month period from the date of issue of this Statement and then annually from the date of submission of the first compliance assessment report. The compliance assessment report shall include a statement as to whether the proponent has complied with the conditions.	Compliance assessment.	CAR	By 19 July 2012 and then annually by 19 July.	CAR includes a statement of compliance with conditions.	C

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M4.6.3	Compliance Reporting	The proponent shall submit to the Chief Executive Officer of the Office of the Environmental Protection Authority the first compliance assessment report fifteen months from the date of issue of this Statement addressing the twelve month period from the date of issue of this Statement and then annually from the date of submission of the first compliance assessment report. The compliance assessment report shall identify all potential non-compliances and describe corrective and preventative actions taken.	Compliance assessment.	CAR	By 19 July 2012 and then annually by 19 July.	CAR includes identification of any potential non-compliance.	C
862:M4.6.4	Compliance Reporting	The proponent shall submit to the Chief Executive Officer of the Office of the Environmental Protection Authority the first compliance assessment report fifteen months from the date of issue of this Statement addressing the twelve month period from the date of issue of this Statement and then annually from the date of submission of the first compliance assessment report. The compliance assessment report shall be made publicly available in accordance with the approved compliance assessment plan.	Compliance assessment.	CAR	By 19 July 2012 and then annually by 19 July.	CAR publicly available at: http://www.fmg.com.au/our_commitment/Environment/Environment_Library	C

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M4.6.5	Compliance Reporting	The proponent shall submit to the Chief Executive Officer of the Office of the Environmental Protection Authority the first compliance assessment report fifteen months from the date of issue of this Statement addressing the twelve month period from the date of issue of this Statement and then annually from the date of submission of the first compliance assessment report. The compliance assessment report shall indicate any proposed changes to the compliance assessment plan required by condition 4-1.	Compliance assessment.	CAR	By 19 July 2012 and then annually by 19 July.	CAR indicates any proposed changes to the CAP.	C
862:M5.1	Public Availability of Data	Within three months of the issue of this Statement, and for the remainder of the life of the proposal, the proponent shall make all environmental data (including sampling design and sampling methodology) used in the assessment of this proposal publicly available in a manner approved by the Chief Executive Officer of the Office of the Environmental Protection Authority.	Data used for the assessment of the project made publicly available through the FMGL website.	CAR Environmental data (including sampling design and sampling methodology) used in the assessment of this proposal is available on the FMGL website	By 19 July 2011, and for the remainder of the life of the proposal.	Environmental data (including sampling design and sampling methodology) used in the assessment of this proposal is publicly available at: http://www.fmgl.com.au/Our_Commitment/Environment/Approval_Publications/Solomon_Project_PER	C

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M6.1	Priority Species and Significant Vegetation – Mine Site	Prior to ground disturbing activities, excluding establishment of access roads or any other preliminary works as approved by the Chief Executive Officer of the Office of the Environmental Protection Authority, and within 12 months of the commencement of all other ground disturbing activities the proponent shall conduct and submit to the Chief Executive Officer of the Office of the Environmental Protection Authority a survey of the Robe Pisolite vegetation unit and the priority species <i>Gompholobium karijini</i> within the project area to the satisfaction of the Chief Executive Officer of the Office of the Environmental Protection Authority on advice from the Department of Environment and Conservation.	Conduct survey Submit copy of survey reporting	Written evidence of date of commencement of survey Written evidence of date of submission of completed survey to CEO Copy of letter from CEO advising of satisfaction CAR	Commence survey prior to ground disturbing activities and submit completed survey within 12 months of commencement of ground disturbing activities.	Survey of Robe Pisolite vegetation unit and priority species <i>Gompholobium karijini</i> completed within the project area within 12 months of ground disturbing activities. Report submitted to CEO of OEPA and confirmation of completion of Condition M6.1 received (LR-100-E-3261).	CLD

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M6.2	Priority Species and Significant Vegetation – Mine Site	At least three months prior to ground disturbing activities associated with the Zion deposit, the proponent shall demonstrate that mining of the deposit will not result in a significant adverse impact on the conservation of <i>Gompholobium karijini</i> (ref. voucher M.E Trudgen & S.M Maley MET 10580 (PERTH 06090508) or any Robe Pisolite vegetation units that may be restricted in distribution to the satisfaction of the Chief Executive Officer of the Office of the Environmental Protection Authority.	Reporting demonstrating that mining in Zion will not result in a significant adverse impact	Copy of reporting Copies of correspondence with CEO CAR	At least three months prior to ground disturbing activities associated with the Zion deposit.	Report demonstrating that mining of the Zion deposit will not result in a significant adverse impact on the conservation of <i>Gompholobium karijini</i> (ref. voucher M.E Trudgen & S.M Maley MET 10580 (PERTH 06090508) or any Robe Pisolite vegetation units that may be restricted in distribution submitted to CEO of OEPA three months prior to ground disturbing activities (LR-100-E-3261).	CLD
862:M6.3	Priority Species and Significant Vegetation – Mine Site	The proponent shall make the results of the survey required by condition 6-1 publicly available in a manner approved by the Chief Executive Officer of the Office of the Environmental Protection Authority.	Reporting to be made publicly available through the FMGL web site www.fmgl.com.au/	Copy of relevant survey report on FMGL website CAR	Annual prior to 19 July	Result of survey required by condition 6-1 publicly available at: http://www.fmgl.com.au/Our_Commitment/Environment/Environment_Library/default.aspx	CLD

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M7.1	Priority Species – Rail Corridor	Prior to the commencement of ground disturbing activities associated with the railway, (other than minor and preliminary works previously approved by the Chief Executive Officer of the Office of the Environmental Protection Authority) the proponent shall conduct targeted surveys for Priority Flora species within the rail corridor, including <i>Aristida jerichoensis</i> variety <i>subspinulifera</i> , <i>Paspalidium retiglume</i> , and <i>Goodenia nuda</i> to the satisfaction the Chief Executive Officer of the Office of the Environmental Protection Authority on advice from the Department of Environment and Conservation.	Conduct and submit survey	Survey report Copies of correspondence with CEO CAR	Prior to the commencement of ground disturbing activities associated with the railway (other than minor and preliminary works previously approved by the Chief Executive Officer of the Office of the Environmental Protection Agency).	Priority flora targeted surveys completed in accordance with EPA Guidance Statement No.51 prior to ground disturbance activities associated with the railway (LS-100-E-2385, LS-100-E-2555).	CLD
862:M7.2	Priority Species – Rail Corridor	Prior to commencement of ground disturbing activities associated with the railway, the proponent shall demonstrate that all rail infrastructure including access roads, construction camps and borrow pits will be located to avoid impacts to Priority Flora identified through condition 7-1 as far as practicable to the satisfaction of the Chief Executive Officer of the Office of the Environmental Protection Authority.	Conduct and submit report Rail design	Survey report Rail design Copy of correspondence from CEO CAR	Prior to the commencement of ground disturbing activities associated with the railway.	Rail designed in accordance with the results of the priority targeted flora surveys (LS-100-E-2385, LS-100-E-2555).	CLD

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M7.3	Priority Species – Rail Corridor	Prior to the commencement of ground disturbing activities associated with the railway, the proponent shall provide a final rail alignment which demonstrates that Wall Creek Waterhole will not be impacted.	Design rail to not impose on Wall Creek Waterhole	Mapping Rail design Copies of correspondence	Prior to commencement of ground disturbing activities associated with the railway.	Rail alignment has been designed to avoid disturbance to the Wall Creek Waterhole (LS-100-E-2555).	CLD
862:M7.4	Priority Species – Rail Corridor	The proponent shall make the results of the surveys required by condition 7-1 publicly available in a manner approved by the Chief Executive Officer of the Office of the Environmental Protection Authority.	Reporting to be made publicly available through the FMGL web site	Copy of the relevant survey report on FMGL website CAR	Annually prior to 19 July.	Results of the surveys required by condition 7-1 are publicly available at: http://www.fmgl.com.au/Our_Commitment/Environment/Environment_Library/default.aspx .	CLD
862:M8.1.1	Weeds	The proponent shall ensure that prior to commencement of ground disturbing activities reference sites on nearby land which will not be impacted during implementation of the proposal are chosen in consultation with the Office of the Environmental Protection Authority, on advice from the Department of Environment and Conservation and a baseline survey undertaken.	Monitoring sites to be identified and agreed with the OEPA and DEC	Copies of correspondence with the OEPA and DEC. Weed Management Plan CAR	Prior to commencement of ground disturbing activities.	Weed reference sites selected and submitted to OEPA in August 2011 (LS-E-100-2471 & LR-100-E-2962). Baseline surveys of reference sites were not undertaken prior to ground disturbance.	NC

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M8.1.2	Weeds	The proponent shall ensure that prior to commencement of ground disturbing activities, impact sites within the proposal area are chosen in consultation with the Office of the Environmental Protection Authority, on advice from the Department of Environment and Conservation, and a baseline survey undertaken.	Impact sites to be identified and agreed with the OEPA and DEC	Copies of correspondence with the OEPA and DEC Weed Management Plan CAR	Prior to commencement of ground disturbing activities.	Weed reference sites selected and submitted to OEPA in August 2011 (LS-E-100-2471 & LR-100-E-2962). Baseline surveys of reference sites were not undertaken prior to ground disturbance.	NC
862:M8.1.3	Weeds	The proponent shall ensure that no new species of weeds (including both declared weeds and environmental weeds) are introduced into the proposal area as a result of the implementation of the proposal.	Monitoring of reference sites will be conducted at least every two years at the nominated locations	Weed survey reports. CAR	Biennial	<i>Weed Management Plan (45-PL-EN-0013)</i> and <i>Construction Environmental Management Plan (600SO-00000-PL-EN-0002)</i> are implemented onsite. No new weed species have been identified within the project area.	C
862:M8.1.4	Weeds	The proponent shall ensure that the cover of weeds (including both declared weeds and environmental weeds) within the proposal area does not exceed that existing on reference sites determined in accordance with condition 8-1(1).	Monitoring of reference sites will be conducted at least every two years at the nominated locations.	Weed survey reports. Register of weed control. CAR	Biennial	Weed monitoring schedule developed and consultant engaged to provide monitoring services. (Proposal Ref: 1005FMGL.EN.PRP.001).	C

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M8.1.5	Weeds	The proponent shall ensure that the reference sites and impact sites are to be monitored every two years after commencement of ground disturbing activities to determine whether changes in weed cover and type are as a result of project implementation or broader regional changes.	Monitoring of reference sites will be conducted at least every two years at the nominated locations	Weed survey reports CAR	Biennial	Weed monitoring schedule developed and consultant engaged to provide monitoring services. (Proposal Ref: 1005FMGL.EN.PRP.001).	C
862:M9.1.1	Rehabilitation	The proponent shall undertake progressive rehabilitation, beginning within 12 months of the commencement of ground-disturbing activities and continuing until the following outcomes are achieved to the satisfaction of the CEO: 1. The waste material landforms and tailings storage facility shall be non-polluting and shall be constructed so that their stability, surface drainage, resistance to erosion and ability to support local native vegetation are similar to undisturbed natural analogue landforms as demonstrated by Ecosystem Function Analysis or other methodology acceptable to the Chief Executive Officer of the Office of the Environmental Protection Authority on advice from the Department of Environment and Conservation and the Department of Mines and Petroleum.	Progressive rehabilitation to commence within 12 months of ground disturbance	CAR Rehabilitation Management Plan Register of Rehabilitation Reporting of relevant annual monitoring of rehabilitation Copies of correspondence with CEO	Beginning within 12 months of the commencement of ground-disturbing activities and continuing until the following outcomes are achieved to the satisfaction of the CEO	Fortescue's Rehabilitation and Revegetation Management (45-PL-EN-0023) Plan has been implemented. As recorded in the Fortescue rehabilitation register, 1.05 ha were rehabilitated during the reporting period.	C

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M9.1.2	Rehabilitation	<p>The proponent shall undertake progressive rehabilitation, beginning within 12 months of the commencement of ground-disturbing activities and continuing until the following outcomes are achieved to the satisfaction of the CEO:</p> <p>2. the waste material landforms, tailings storage facility and other areas disturbed through implementation of the proposal, shall be progressively rehabilitated with vegetation composed of native plant species of local provenance (defined as seed material collected within a suitable maximum distance of the proposal area as agreed by the Chief Executive Officer of the Office of the Environmental Protection Authority on advice from the Department of Environment).</p>	Progressive rehabilitation to commence within 12 months of ground disturbance	<p>CAR Rehabilitation Management Plan Register of Rehabilitation Reporting of relevant annual monitoring of rehabilitation Copies of correspondence with CEO</p>	Beginning within 12 months of the commencement of ground-disturbing activities and continuing until the following outcomes are achieved to the satisfaction of the CEO	<p>Fortescue's Rehabilitation and Revegetation Management (45-PL-EN-0023) Plan has been implemented. As recorded in the Fortescue rehabilitation register, 1.05 ha were rehabilitated during the reporting period.</p>	C

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M9.1.3	Rehabilitation	<p>The proponent shall undertake progressive rehabilitation, beginning within 12 months of the commencement of ground-disturbing activities and continuing until the following outcomes are achieved to the satisfaction of the CEO:</p> <p>3. The percentage cover and species diversity of living self sustaining native vegetation in all rehabilitation areas shall be comparable to that of undisturbed natural analogue sites as demonstrated by Ecosystem Function Analysis or other methodology acceptable to the Chief Executive Officer of the Office of the Environmental Protection Authority.</p>	Progressive rehabilitation to commence within 12 months of ground disturbance	<p>CAR Rehabilitation Management Plan Register of Rehabilitation Reporting of relevant annual monitoring of rehabilitation Copies of correspondence with CEO</p>	Beginning within 12 months of the commencement of ground-disturbing activities and continuing until the following outcomes are achieved to the satisfaction of the CEO.	<p>Fortescue's Rehabilitation and Revegetation Management (45-PL-EN-0023) Plan has been implemented. As recorded in the Fortescue rehabilitation register, 1.05 ha were rehabilitated during the reporting period</p>	C

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M9.2	Rehabilitation	Rehabilitation activities shall continue until such time as the requirements of condition 9-1 are met, and are shown to be met by inspections and reports, for a minimum of five years following mine completion to the satisfaction of the Chief Executive Officer of the Office of the Environmental Protection Authority, on advice of the Department of Mines and Petroleum. Note: The methodology for Ecosystem Function Analysis is set out in Tongway DJ and Hindley 2004 <i>Landscape Function Analysis – Procedures for Monitoring and Assessing Landscapes</i> , Commonwealth Scientific and Industrial Research Organisation Sustainable Ecosystems, Canberra.	Rehabilitation to commence within 12 months of ground disturbance. Rehabilitation Management and Monitoring Plan in place. Implement any corrective action or mitigation required to address potential or identified impacts	CAR Copies of correspondence with CEO Reporting of annual monitoring of rehabilitation. Completion Reporting	Rehabilitation activities shall continue until such time as the requirements of condition 9-1 are met, and are shown to be met by inspections and reports, for a minimum of 5 years following mine completion to the satisfaction of the CEO.	Rehabilitation activities scheduled to continue.	C
862:M10.1	Surface Water	The proponent shall ensure that changes to surface water flows related to the construction of the railway do not adversely affect any significant vegetation community, including Mulga.	Surface Water Management Plan in place Implement corrective action or mitigation required to address potential or identified impacts	CAR Mulga and Other Flora Communities Management and Monitoring Plan, and associated reporting	In accordance with the Surface Water Management Plan.	Fortescue's <i>Solomon Rail Project Mulga Management Plan (SO-PL-EN-0001)</i> has been developed. <i>Solomon Rail Surface Water Management Plan (in prep)</i> .	C

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M10.2.1	Surface Water	To verify that the requirements of condition 10-1 are met the proponent shall identify any areas of significant vegetation potentially impacted by changes to surface water flows related to the proposal in consultation with the Department of Environment and Conservation.	Targeted survey of potential significant vegetation Consult DEC on the results of that survey	Report of targeted survey Copies of correspondence with DEC	Prior to ground disturbance on the railway.	Areas of significant vegetation potentially impacted by changes to surface water flows related to the proposal have been identified (LS-100-E-2555, LS-100-E-2385).	CLD
862:M10.2.2	Surface Water	To verify that the requirements of condition 10-1 are met the proponent shall undertake baseline monitoring of areas of significant vegetation.	Targeted survey of identified areas	CAR Report of baseline survey	Prior to ground disturbance on the railway.	Baseline monitoring including <i>Solomon Rail Project Mulga Monitoring Baseline Survey (SO-RP-EN-0023)</i> and: <i>Mulga Monitoring Baseline Ant Community Survey (SO-SV-EN-0001)</i> undertaken prior to ground disturbance. (LS-100-E-2385, LS-100-E-2555).	CLD
862:M10.2.3	Surface Water	To verify that the requirements of condition 10-1 are met the proponent shall determine trigger levels for surface water flows, vegetation community health and vegetation cover in consultation with the Department of Environment and Conservation.	Implement Vegetation Monitoring Guidelines (this document includes guidance on determining trigger levels) Consult with DEC	CAR Copies of relevant reporting Copy of agreement with DEC	Prior to ground disturbance on the railway.	Trigger levels for surface water flows, vegetation community health and vegetation cover developed in consultation with the Department of Environment and Conservation prior to ground disturbance (LS-100-E-2555) (1124 FMGMM Minutes DEC 18th August 2011)	CLD
862:M10.2.4	Surface Water	To verify that the requirements of condition 10-1 are met the proponent shall design and locate environmental culverts and other surface water control features in consultation with the Department of Environment and Conservation.	Consideration of surface water flow during project design	Design documentation. Correspondence with DEC Report of baseline survey	Prior to ground disturbance at those locations.	Environmental culverts and other surface water control features designed and located in consultation with the Department of Environment and Conservation (MM-100-E-0174).	CLD

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M10.2.5	Surface Water	To verify that the requirements of condition 10-1 are met the proponent shall monitor surface water flows, including in the vicinity of significant vegetation.	Implement surface water management and monitoring plans. Implement Mulga and other Flora Communities Management plan and associated guidelines	CAR Copies of relevant monitoring reports	In accordance with the Surface Water Management Plan and Mulga Monitoring Plan.	Surface water flows to be monitored following <i>Solomon Rail Project Mulga Management Plan (SO-PL-EN-0001)</i> and <i>Solomon Rail Surface Water Management Plan (in prep)</i> .	C
862:M10.2.6	Surface Water	To verify that the requirements of condition 10-1 are met the proponent shall monitor the health and cover of significant vegetation to be retained in the proposal area and in adjacent areas.	Implement surface water management and monitoring plans Implement Mulga and other Flora Communities Management plan and associated guidelines	CAR Copies of relevant monitoring reports	In accordance with the Surface Water Management Plan and Mulga Monitoring Plan.	Baseline monitoring including <i>Solomon Rail Project Mulga Monitoring Baseline Survey (SO-RP-EN-0023)</i> and: <i>Mulga Monitoring Baseline Ant Community Survey (SO-SV-EN-0001)</i> undertaken prior to ground disturbance. Significant vegetation to be monitored following <i>Solomon Rail Project Mulga Management Plan (SO-PL-EN-0001)</i> monitoring schedule.	C

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M10.2.7	Surface Water	Monitoring is to be carried out according to a method and schedule determined to the satisfaction of the Chief Executive Officer of the Office of the Environmental Protection Authority prior to the commencement of construction of the railway, and is to be carried out until such time as the Chief Executive Officer of the Office of the Environmental Protection Authority determines on advice from the Department of Environment and Conservation that monitoring actions may cease.	Until such time that the CEO notifies otherwise, implement surface water management and monitoring plans. Implement Mulga and other Flora Communities Management plan and associated guidelines	CAR Copies of correspondence Copies of relevant monitoring reports	In accordance with the satisfactory Surface Water Management Plan and Mulga Monitoring Plan until such time as the CEO determines on advice from the DEC that monitoring actions may cease.	Mulga monitoring (including baseline survey) carried out according to the <i>Mulga Monitoring Methodology (SO-RP-EN-0021)</i> developed in consultation with the Department of Environment and Conservation (LS-100-E-2555) Baseline monitoring including <i>Solomon Rail Project Mulga Monitoring Baseline Survey (SO-RP-EN-0023)</i> and: <i>Mulga Monitoring Baseline Ant Community Survey (SO-SV-EN-0001)</i> undertaken prior to ground disturbance.	C
862:M10.3.1	Surface Water	In the event that monitoring required by condition 10-2 indicates an exceedance of trigger levels determined by condition 10-2 (3) as a result of railway construction the proponent shall report such findings to the Chief Executive Officer of the Office of the Environmental Protection Authority within 21 days of the exceedance being identified.	Implement relevant monitoring and management plans. Written notification to the CEO	Copies of correspondence	Within 21 days of the exceedance being identified.	No trigger level exceedance for reporting period.	NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M10.3.2	Surface Water	In the event that monitoring required by condition 10-2 indicates an exceedance of trigger levels determined by condition 10-2 (3) as a result of railway construction, in the report required by condition 10-3 (1) the proponent shall provide evidence which allows determination of the cause of the exceedance.	Reporting of monitoring. Written notification to the CEO	Copies of correspondence Monitoring and associated relevant assessment reporting.	Within 21 days of the exceedance being identified.	No trigger level exceedance for reporting period.	NR
862:M10.3.3	Surface Water	In the event that monitoring required by condition 10-2 indicates an exceedance of trigger levels determined by condition 10-2 (3) as a result of railway construction, if determined by the Chief Executive Officer of the Office of the Environmental Protection Authority to be a result of activities undertaken in implementing the proposal, the proponent shall submit actions to be taken to remediate the exceedance within 21 days of the determination being made by the Chief Executive Officer of the Office of the Environmental Protection Authority.	Remedial actions to be submitted to the CEO within 21 days of an exceedance being determined as project attributable by the CEO	Copies of correspondence Remedial Action Report.	Within 21 days of the determination being made by the CEO.	No trigger level exceedance for reporting period.	NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M10.3.4	Surface Water	In the event that monitoring required by condition 10-2 indicates an exceedance of trigger levels determined by condition 10-2 (3) as a result of railway construction the proponent shall implement actions to remediate the exceedance upon approval of proposed actions by the Chief Executive Officer of the Office of the Environmental Protection Authority and shall continue these actions until such time as the Chief Executive Officer of the Office of the Environmental Protection Authority determines that the remedial actions may cease.	Remedial actions to be implemented in accordance with any plan for remediation or mitigation	CAR Copies of correspondence Implementation Report	Upon approval of proposed actions by the CEO and shall continue these actions until such time as the CEO determines that the remedial actions may cease.	No trigger level exceedance for reporting period.	NR
862:M10.4	Surface Water	The proponent shall submit annually the results of monitoring required by condition 10-2 to the Chief Executive Officer of the Office of the Environmental Protection Authority.	Annual reporting of monitoring results and outcomes. Compliance assessment	CAR Monitoring reports	Annually by 19 July.	<i>Solomon Rail Project Mulga Monitoring Baseline Survey (SO-RP-EN-0023), and: Mulga Monitoring Baseline Ant Community Survey (SO-SV-EN-0001) reports submitted to CEO of OEPA.</i>	C
862:M10.5	Surface Water	The proponent shall make the monitoring reports required by condition 10-4 publicly available in a manner approved by the Chief Executive Officer of the Office of the Environmental Protection Authority.	Reporting to be made publicly available through the FMGL web site	Copy of relevant survey report on FMGL website CAR	Annually by 19 July.	<i>Solomon Rail Project Mulga Monitoring Baseline Survey (SO-RP-EN-0023), and: Mulga Monitoring Baseline Ant Community Survey (SO-SV-EN-0001) reports publicly available at: http://www.fmg.com.au/Our Commitment/Environment/Environment Library.</i>	C

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M11.1	Groundwater	The proponent shall ensure that water levels in groundwater fed pools within and adjacent to the project area are maintained consistent with pre-mining levels as defined in the report required by condition 11-2.	Implement Groundwater Management Plan Compliance assessment	CAR Monitoring reports		Mine dewatering activities have not yet commenced	NR
862:M11.2	Groundwater	Prior to the commencement of dewatering, the proponent shall submit a report developed in consultation with Department of Environment and Conservation and the Department of Water, to the satisfaction of the Chief Executive Officer of the Office of the Environmental Protection Authority. The report shall provide details including the timing, methodology, infrastructure design, trigger levels and monitoring strategies of a supplementation program designed to support water levels of groundwater fed pools within the project area.	Develop and submit Groundwater Management Plan in accordance with requirement	CAR Copies of correspondence with CEO Groundwater Management Plan	Prior to the commencement of dewatering	Mine dewatering activities have not yet commenced	NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M11.3.1	Groundwater	In order to verify that the requirements of condition 11-1 are met, the proponent shall identify all sites and parameters to be monitored to the satisfaction of the Chief Executive Officer of the Office of the Environmental Protection Authority on advice from the Department of Environment and Conservation prior to the commencement of dewatering.	Implement Groundwater Management Plan Compliance assessment.	Copy of letter from CEO advising of satisfaction	Prior to the commencement of dewatering.	Mine dewatering activities have not yet commenced	NR
862:M11.3.2	Groundwater	In order to verify that the requirements of condition 11-1 are met, the proponent shall provide the results of baseline monitoring of water levels and native vegetation health and abundance at all sites identified by condition 11-3 (1) prior to the commencement of dewatering.	Conduct baseline monitoring of water levels and vegetation health measures prior to dewatering	Baseline reporting. CAR Copies of correspondence	Prior to the commencement of dewatering.	Mine dewatering activities have not yet commenced	NR
862:M11.3.3	Groundwater	In order to verify that the requirements of condition 11-1 are met, the proponent shall implement the supplementation program described in the report required by 11-2, or revisions approved by the Chief Executive Officer of the Office of the Environmental Protection Authority.	Implement Groundwater Management Plan. Compliance assessment	Groundwater Management Plan CAR	Until such time as the CEO determines that monitoring and management actions may cease.	Mine dewatering activities have not yet commenced	NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M11.3.4	Groundwater	In order to verify that the requirements of condition 11-1 are met, the proponent shall monitor groundwater and/or surface water levels at each of the agreed sites.	Implement Groundwater Management Plan Compliance assessment	Monitoring reporting. CAR	Until such time as the CEO determines that monitoring and management actions may cease.	Mine dewatering activities have not yet commenced	NR
862:M11.3.5	Groundwater	In order to verify that the requirements of condition 11-1 are met, the proponent shall monitor the health and cover of riparian vegetation at each of the agreed sites.	Implement Groundwater Management Plan Compliance assessment.	Monitoring reporting CAR	Until such time as the CEO determines that monitoring and management actions may cease.	Mine dewatering activities have not yet commenced	NR
862:M11.3.6	Groundwater	Monitoring is to be carried out to the satisfaction of the Chief Executive Officer of the Office of the Environmental Protection Authority, and is to continue until such time as the Chief Executive Officer of the Office of the Environmental Protection Authority determines that monitoring and management actions may cease.	Implement Groundwater Management Plan. Compliance assessment.	Copies of correspondence CAR	Until such time as the CEO determines that monitoring and management actions may cease.	Mine dewatering activities have not yet commenced	NR
862:M11.4	Groundwater	The proponent shall submit annually the results of monitoring required by condition 11-3 to the Chief Executive Officer of the Office of the Environmental Protection Authority.	Compliance assessment.	Monitoring reports CAR	Annually by 19 July	No monitoring undertaken during reporting period.	NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M11.5.1	Groundwater	In the event that monitoring required by condition 11-3 indicates a decline in water levels at any spring, pool or creek, or in the health and condition of the riparian vegetation the proponent shall report such findings to the Chief Executive Officer of the Office of the Environmental Protection Authority within seven (7) days of the decline being identified.	Notify the CEO within 7 days of the impact being identified	Notification of impact Copies of correspondence	Within 7 days of impact being identified	Mine dewatering activities have not yet commenced	NR
862:M11.5.2	Groundwater	In the event that monitoring required by condition 11-3 indicates a decline in water levels at any spring, pool or creek, or in the health and condition of the riparian vegetation in the report required by condition 11-5 (1) the proponent shall provide evidence which allows determination of the cause of the decline.	Incident notification report	Incident notification report Copies of correspondence	Within 21 days of impact being identified	Mine dewatering activities have not yet commenced	NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M11.5.3	Groundwater	In the event that monitoring required by condition 11-3 indicates a decline in water levels at any spring, pool or creek, or in the health and condition of the riparian vegetation if determined by the Chief Executive Officer of the Office of the Environmental Protection Authority to be a result of activities undertaken in implementing the proposal, the proponent shall determine actions to be taken to remediate the decline in consultation with the Department of Environment and Conservation.	Remedial Action Plan	Remedial Action Plan. Copies of correspondence	Within 21 days of the determination being made by the CEO	Mine dewatering activities have not yet commenced	NR
862:M11.5.4	Groundwater	In the event that monitoring required by condition 11-3 indicates a decline in water levels at any spring, pool or creek, or in the health and condition of the riparian vegetation the proponent shall submit proposed actions to the Chief Executive Officer of the Office of the Environmental Protection Authority within 21 days of the determination being made by the Chief Executive Officer of the Office of the Environmental Protection Authority.	Remedial Action Plan	Remedial Action Plan Copies of correspondence	Within 21 days of the determination being made by the CEO	Mine dewatering activities have not yet commenced	NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M11.5.5	Groundwater	In the event that monitoring required by condition 11-3 indicates a decline in water levels at any spring, pool or creek, or in the health and condition of the riparian vegetation the proponent shall implement the actions determined under condition 11-5 (4) to halt the decline and remediate the impact to riparian and groundwater dependent vegetation upon approval of the Chief Executive Officer of the Office of the Environmental Protection Authority and shall continue until such time the Chief Executive Officer of the Office of the Environmental Protection Authority determines that the remedial actions may cease.	Implement approved Remedial Action Plan Report implementation of remedial actions	Implementation Report Copies of correspondence	From time of approval by the CEO and until such time as the CEO determines that the remedial actions may cease.	Mine dewatering activities have not yet commenced	NR
862:M11.6	Groundwater	The proponent shall ensure that water is supplied for supplementation of natural features in preference to water required for mining operations.	Implement Groundwater Management Plan Compliance assessment	CAR Groundwater Management Plan	Continual for duration of project	Mine dewatering activities have not yet commenced	NR
862:M11.7	Groundwater	The proponent shall make the monitoring reports required by conditions 11-3 and 11-4 publicly available in a manner approved by the Chief Executive Officer of the Office of the Environmental Protection Authority.	Reporting to be made publicly available through the FMGL website	Copy of relevant survey report on FMGL website. CAR	Annually by 19 July.	No monitoring activities undertaken during the reporting period.	NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M12.1	Vertebrate Fauna	Prior to the commencement of blasting activities, and prior to clearing in any areas likely to contain habitat suitable for Northern Quoll, Pilbara Leaf-nosed Bat or Mulgara species, whichever is sooner, the proponent shall develop a Fauna Management Plan to the satisfaction of the Chief Executive Officer of the Office of the Environmental Protection Authority on advice from the Department of Environment and Conservation.	Develop a Fauna Management Plan	Copy of letter from CEO advising of satisfaction. CAR	Prior to the commencement of blasting activities, and prior to clearing in any areas likely to contain habitat suitable for Northern Quoll, Pilbara Leaf-nosed Bat or Mulgara species, whichever is sooner.	<i>Fauna Management Plan (45-PL-EN-0027)</i> developed and approved by OEPA (LR-100-E-2844).	CLD
862:M12.2	Vertebrate Fauna	The Fauna Management Plan shall include, but is not limited to, the following: management strategies to minimise impacts to the Pilbara Leaf-nosed Bat; management strategies for minimisation of impacts to Northern Quoll and Mulgara, developed in consultation with the Department of Environment and Conservation; management strategies for minimisation of impacts to habitat associated with the Northern Quoll; measures to protect a range of fauna habitat types, including creek bed and rocky habitats; and detailed monitoring procedures to determine the effectiveness of management strategies.	Develop a Fauna Management Plan	Copy of letter from CEO advising of satisfaction. CAR	Prior to the commencement of blasting activities, and prior to clearing in any areas likely to contain habitat suitable for Northern Quoll, Pilbara Leaf-nosed Bat or Mulgara species, whichever is sooner.	<i>Fauna Management Plan (45-PL-EN-0027)</i> developed and approved by OEPA (LR-100-E-2844).	CLD

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M12.3	Vertebrate Fauna	The proponent shall implement for the life of the project the Fauna Management Plan required by condition 12-1, or any subsequent approved revisions.	Implement Fauna Management Plan. Compliance assessment.	Approved Fauna Management Plan. CAR	For the life of the project.	Fortescue have invited consultants to provide proposals for the provision of ongoing fauna survey services as part of the implementation of the <i>Fauna Management Plan (45-PL-EN-0027)</i>	C
862:M12.4	Vertebrate Fauna	The proponent shall make the Fauna management Plan required by condition 12-1 publicly available in a manner approved by the Chief Executive Officer of the Office of the Environmental Protection Authority.	Reporting to be made publicly available through the FMGL web site	Copy of relevant survey report on the FMGL website CAR		<i>Fauna Management Plan (45-PL-EN-0027)</i> publicly available at: http://www.fmgl.com.au/our_commitment/Environment/Environment_Library	C
862:M13.1	Troglofauna	The proponent shall undertake troglofauna surveys biannually at a minimum in geological formations similar to the project area to validate predictions of habitat connectivity and improve knowledge of troglofauna populations in the region to inform future management of mining and associated operations, until such time as the Chief Executive Officer of the Office of the Environmental Protection Authority determines that sufficient knowledge of troglofauna populations has been acquired.	Implement biannual troglofauna surveys Compliance assessment	Copies of survey reports. Copies of correspondence CAR	Surveys biannually at a minimum until such time as the CEO determines that sufficient knowledge of troglofauna populations has been acquired.	Consultant engaged to undertake this monitoring initially for a two year period. Interim report (Ref: BEC11-04-K01) provided by consultant with the first detailed report due June 2012.	C

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M13.2	Troglofauna	The troglofauna surveys shall be undertaken in accordance with the draft Environmental Protection Authority Guidance Statement 54a - <i>Sampling Methods and Survey Considerations for Subterranean Fauna in Western Australia</i> (August 2007) or its revisions and to the satisfaction of the Chief Executive Officer of the Office of the Environmental Protection Authority.	Implement biannual troglofauna survey program Compliance assessment	Copies of survey reports Copies of correspondence CAR	Surveys biannually at a minimum until such time as the CEO determines that sufficient knowledge of troglofauna populations has been acquired.	Troglofauna survey methodology submitted to OEPA (100-EN-0108).	C
862:M13.3	Troglofauna	Within 30 months of ground disturbing activities the proponent shall prepare and submit a technical report based on the results of the surveys required by condition 13-1 to the requirements of the Chief Executive Officer of the Office of the Environmental Protection Authority on advice of the Department of Environment and Conservation.	Prepare and submit report based on results of troglofauna survey program	Copies of survey reports Copies of correspondence	Within 30 months of ground disturbing activities.		NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M13.4	Troglofauna	Three months prior to commencement of ground disturbing activities associated with the Zion deposit, the proponent shall demonstrate that similar and connected troglofauna habitat exists outside of areas that have been or are likely to be impacted by mining to the satisfaction of the Chief Executive Officer of the Office of the Environmental Protection Authority on advice of the Department of Environment and Conservation.	Troglofauna survey	Copies of survey reports Copies of correspondence	Three months prior to commencement of ground disturbing activities associated with the Zion deposit.	Consultant engaged to undertake this monitoring initially for a two year period. Interim report (Ref: BEC11-04-K01) provided by consultant with the first detailed report due June 2012. Zion is not scheduled to be mined in the current mine plan, however this area has been covered by the aforementioned survey.	C
862:M13.5	Troglofauna	The proponent shall prepare and submit annually further technical reports based on the results of the surveys required by condition 13-1 to the requirements of the Chief Executive Officer of the Office of the Environmental Protection Authority on advice of the Department of Environment and Conservation.	Annual troglofauna survey reporting and summarising results to date	Copies of technical reports Copies of correspondence	Annually by 19 July.	The first series of technical reports are due 19 July 2012, an interim report has been provided (BEC11-04-K014) to Fortescue.	NR
862:M13.6	Troglofauna	The proponent shall make the reports required by conditions 13-3, 13-4 and 13-5 publicly available in a manner approved by the Chief Executive Officer of the Office of the Environmental Protection Authority.	Reporting to be made publicly available through the FMGL web site.	Copy of relevant report on FMGL website. CAR	Annually by 19 July.	The first series of technical reports to be made publicly available 19 July 2012.	NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M14.1	Mine Plan and Conceptual Closure Strategy	Prior to construction of the mine waste rock dumps and the tailings storage facilities for both the Early Ore and Full Production stages respectively, the proponent shall submit a detailed, staged and project-specific Mine Plan and Preliminary Closure Strategy to the requirements of the Chief Executive Officer of the Office of the Environmental Protection Authority on advice of the Department of Mines and Petroleum and the Department of Environment and Conservation. Note: The Mine Plan and Preliminary Closure Strategy shall be staged in accordance with the development of the project, including Early Ore and Full Production stages.	Staged Mine Plan Staged Preliminary Closure Strategy report	Letter from CEO advising Mine Plan and Preliminary Closure Strategy meets requirements of CEO Approved Mine Plan and Preliminary Closure Strategy	Prior to construction of the mine waste rock dumps and the tailings storage facilities.	In consultation with the OEPA and DEC, Fortescue are undertaking a staged approach for the mine plan and mine closure plan requirements of MS 862 by submitting staged development proposals and updating the closure plan in parallel with each additional proposal. The first proposal to trigger the requirements of Condition M14 is <i>Tailings Storage Facility No.1 and Minor Works Mining Proposal (600SO-00000-RP-EN-0009)</i> , Submitted in conjunction with this document in December 2011 was the updated <i>Early Ore Mining and Infrastructure Development Mine Closure Plan (SO-PL-EN-0002)</i> . Approval was pending at the completion of the reporting period for this proposal	NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M14.2	Mine Plan and Conceptual Closure Strategy	The Mine Plan and Preliminary Closure Strategy shall include detailed results of geochemical and geophysical characterisation of materials, including tailings, in particular the potential for acid drainage, metalliferous drainage, and of the occurrence of dispersive materials and asbestiform minerals. Testing for materials with potential to cause acid and/or metalliferous drainage shall include static and kinetic testing carried out using techniques and timeframes consistent with national and international standards (<i>Leading Practice Sustainable Development Program for the Mining Industry – Managing Acid and Metalliferous Drainage 2009</i> – Department of Industry, Tourism and Resources; <i>The Global Acid Rock Drainage Guide 2009</i> – International Network for Acid Prevention).	Staged Mine Plan Staged Preliminary Closure Strategy report	Letter from CEO advising Mine Plan and Preliminary Closure Strategy meets requirements of CEO Approved Mine Plan and Preliminary Closure Strategy	Prior to construction of the mine waste rock dumps and the tailings storage facilities.	<i>Tailings Storage Facility No.1 and Minor Works Mining Proposal (600SO-00000-RP-EN-0009)</i> and the <i>Early Ore Mining and Infrastructure Development Mine Closure Plan (SO-PL-EN-0002)</i> contain the required information. Approval was pending at the completion of the reporting period for this proposal.	NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M14.3	Mine Plan and Conceptual Closure Strategy	The Mine Plan and Preliminary Closure Strategy shall include detailed technical information on proposed design of tailings storage facilities including tailings characterisation studies, seepage controls and monitoring proposed.	Staged Mine Plan Staged Preliminary Closure Strategy report	Letter from CEO advising Mine Plan and Preliminary Closure Strategy meets requirements of CEO Approved Mine Plan and Preliminary Closure Strategy	Prior to construction of the mine waste rock dumps and the tailings storage facilities.	<i>Tailings Storage Facility No.1 and Minor Works Mining Proposal (600SO-00000-RP-EN-0009)</i> and the <i>Early Ore Mining and Infrastructure Development Mine Closure Plan (SO-PL-EN-0002)</i> contain the required information. Approval was pending at the completion of the reporting period for this proposal.	NR
862:M14.4	Mine Plan and Conceptual Closure Strategy	The Mine Plan and Preliminary Closure Strategy shall provide detailed technical information on proposed management measures to prevent pollution, environmental harm or human health impacts during implementation of the proposal and after mine completion and closure.	Staged Mine Plan Staged Preliminary Closure Strategy report	Letter from CEO advising Mine Plan and Preliminary Closure Strategy meets requirements of CEO Approved Mine Plan and Preliminary Closure Strategy	Prior to construction of the mine waste rock dumps and the tailings storage facilities.	<i>Tailings Storage Facility No.1 and Minor Works Mining Proposal (600SO-00000-RP-EN-0009)</i> and the <i>Early Ore Mining and Infrastructure Development Mine Closure Plan (SO-PL-EN-0002)</i> contain the required information. Approval was pending at the completion of the reporting period for this proposal.	NR
862:M14.5	Mine Plan and Conceptual Closure Strategy	The Mine Plan and Preliminary Closure Strategy shall include maps and diagrams showing the proposed placement, dimensions, design and proposed methods of construction and closure of waste disposal facilities, mine pits and tailings storage facilities.	Staged Mine Plan Staged Preliminary Closure Strategy report	Letter from CEO advising Mine Plan and Preliminary Closure Strategy meets requirements of CEO Approved Mine Plan and Preliminary Closure Strategy	Prior to construction of the mine waste rock dumps and the tailings storage facilities.	<i>Tailings Storage Facility No.1 and Minor Works Mining Proposal (600SO-00000-RP-EN-0009)</i> and the <i>Early Ore Mining and Infrastructure Development Mine Closure Plan (SO-PL-EN-0002)</i> contain the required information. Approval was pending at the completion of the reporting period for this proposal.	NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M14.6	Mine Plan and Conceptual Closure Strategy	The Mine Plan and Preliminary Closure Strategy shall demonstrate that waste disposal facilities will be located, designed and constructed to ensure that they are non-polluting and so that their final shape, height, stability and ability to support native vegetation are comparable to natural landforms in the area.	Staged Mine Plan Staged Preliminary Closure Strategy report	Letter from CEO advising Mine Plan and Preliminary Closure Strategy meets requirements of CEO Approved Mine Plan and Preliminary Closure Strategy	Prior to construction of the mine waste rock dumps and the tailings storage facilities.	<i>Tailings Storage Facility No.1 and Minor Works Mining Proposal (600SO-00000-RP-EN-0009)</i> and the <i>Early Ore Mining and Infrastructure Development Mine Closure Plan (SO-PL-EN-0002)</i> contain the required information. Approval was pending at the completion of the reporting period for this proposal.	NR
862:M14.7	Mine Plan and Conceptual Closure Strategy	The Mine Plan and Closure Strategy shall demonstrate that the amount of backfill material available will be sufficient to allow backfilling to an extent that will preclude the formation of pit lakes after mine completion and closure, and to ensure there is capillary break between the surface and groundwater to maintain groundwater quality.	Staged Mine Plan Staged Preliminary Closure Strategy report	Letter from CEO advising Mine Plan and Preliminary Closure Strategy meets requirements of CEO Approved Mine Plan and Preliminary Closure Strategy	Prior to construction of the mine waste rock dumps and the tailings storage facilities.	<i>Tailings Storage Facility No.1 and Minor Works Mining Proposal (600SO-00000-RP-EN-0009)</i> and the <i>Early Ore Mining and Infrastructure Development Mine Closure Plan (SO-PL-EN-0002)</i> contain the required information. Approval was pending at the completion of the reporting period for this proposal.	NR

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Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M14.8	Mine Plan and Conceptual Closure Strategy	The Mine Plan and Preliminary Closure Strategy shall provide information on the placement and design of surface water control features as required by condition 10, and demonstrate that surface water control features will be constructed and rehabilitated to ensure that natural drainage lines are maintained as far as practicable during mine operations and re-established after mine completion and closure.	Staged Mine Plan Staged Preliminary Closure Strategy report	Letter from CEO advising Mine Plan and Preliminary Closure Strategy meets requirements of CEO Approved Mine Plan and Preliminary Closure Strategy	Prior to construction of the mine waste rock dumps and the tailings storage facilities.	<i>Tailings Storage Facility No.1 and Minor Works Mining Proposal (600SO-00000-RP-EN-0009)</i> and the <i>Early Ore Mining and Infrastructure Development Mine Closure Plan (SO-PL-EN-0002)</i> contain the required information. Approval was pending at the completion of the reporting period for this proposal.	NR
862:M14.9	Mine Plan and Conceptual Closure Strategy	The Mine Plan and Preliminary Closure Strategy shall demonstrate that groundwater barriers installed during operation of the mine can be maintained after mine completion and closure.	Relevant staged Mine Plan Relevant staged Preliminary Closure Strategy report	Letter from CEO advising Mine Plan and Preliminary Closure Strategy meets requirements of CEO Approved Mine Plan and Preliminary Closure Strategy	Prior to construction of the mine waste rock dumps and the tailings storage facilities.	<i>Tailings Storage Facility No.1 and Minor Works Mining Proposal (600SO-00000-RP-EN-0009)</i> and the <i>Early Ore Mining and Infrastructure Development Mine Closure Plan (SO-PL-EN-0002)</i> contain the required information. Approval was pending at the completion of the reporting period for this proposal.	NR
862:M14.10	Mine Plan and Conceptual Closure Strategy	The proponent shall implement the Mine Plan referred to in conditions 14-1 to 14-9.	Implement the Mine Plan and Preliminary Closure Strategy Compliance assessment.	CAR		<i>Tailings Storage Facility No.1 and Minor Works Mining Proposal (600SO-00000-RP-EN-0009)</i> to be implemented once approved.	NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M14.11	Mine Plan and Conceptual Closure Strategy	The proponent shall make the Mine Plan and Preliminary Closure Strategy required by condition 14-1 publicly available in a manner approved by the Chief Executive Officer of the Office of the Environmental Protection.	Strategy to be made publicly available through the FMGL web site.	Copy of strategy on FMGL website. CAR		<i>Tailings Storage Facility No.1 and Minor Works Mining Proposal (600SO-00000-RP-EN-0009) and the Early Ore Mining and Infrastructure Development Mine Closure Plan (SO-PL-EN-0002) will be made publicly available once approval is granted.</i>	NR
862:M15.1	Final Closure and Decommissioning Plan	At least three (3) years prior to mine completion, the proponent shall prepare and submit a Final Closure and Decommissioning Plan to the requirements of the Chief Executive Officer of the Office of the Environmental Protection, on advice of the Department of Environment and Conservation and Department of Mines and Petroleum.	Prepare and submit a Final Closure and Decommissioning Plan	Approved Final Closure and Decommissioning Plan. Copies of correspondence	At least three years prior to mine completion.		NR
862:M15.2	Final Closure and Decommissioning Plan	The Final Closure and Decommissioning Plan shall be prepared consistent with: 1. ANZMEC/MCA 2000, <i>Strategic Framework for Mine Closure Planning</i> ; and 2. Department of Industry Tourism and Resources 2006 <i>Mine Closure and Completion (Leading Practice Sustainable Development Program for the Mining Industry)</i> , Commonwealth Government, Canberra.	Prepare and submit a Final Closure and Decommissioning Plan	Approved Final Closure and Decommissioning Plan. Copies of correspondence	At least three years prior to mine completion.		NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M15.3	Final Closure and Decommissioning Plan	The Final Closure and Decommissioning Plan shall provide detailed technical information on the following: <ol style="list-style-type: none"> 1. Final closure of all areas disturbed through implementation of the proposal so that they are safe, stable and non-polluting. 2. Decommissioning of all plant infrastructure and equipment. 3. Disposal of waste materials; 4. Final rehabilitation of: the mine site including waste material landforms and other areas outside the mine pit; the haul roads, processing areas and accommodation facilities; and the mine pit area, including details of the final landform, and demonstrating that groundwater quality will not be negatively impacted in the long term. 5. Management and monitoring following mine completion. 6. Inventory of all contaminated sites and proposed management. 	Prepare and submit a Final Closure and Decommissioning Plan	Approved Final Closure and Decommissioning Plan. Copies of correspondence	At least three years prior to mine completion.		NR
862:M15.4	Final Closure and Decommissioning Plan	The proponent shall implement the Final Closure and Decommissioning Plan, or subsequent approved revisions.	Implement the Final Closure and Decommissioning Plan Compliance assessment	Approved Final Closure and Decommissioning Plan Copies of correspondence			NR

Audit Code	Subject	Action	How	Evidence	When	2011 Verification	Status
862:M15.5	Final Closure and Decommissioning Plan	The proponent shall make the Final Closure and Decommissioning Plan required by Condition 15-1 publicly available in a manner approved by the Chief Executive Officer of the Office of the Environmental Protection.	Plan to be made publicly available through the FMGL web site	Copy of plan on FMGL website CAR	At least 3 years prior to mine completion.		NR

Table 3: Schedule 1 – Key Characteristics Table (Attachment 1 to MS 862)**Note:**

- Phases that apply in this table = Pre-Construction, Construction, Operation, Decommissioning, Overall (several phases).
- This audit table is a summary and timetable of conditions and commitments applying to this project. Refer to the Minister's Statement for full detail/precise wording of individual elements.
- Code prefixes: M = Minister's condition, P = Proponent's commitment.
- Acronyms list: CAP = Compliance Assessment Plan; CAR = Compliance Assessment Report; CEO = Chief Executive Officer of OEPA; DEC = Department of Environment and Conservation; DIA = Department of Indigenous Affairs; DMP = Department of Mining and Petroleum; DoH = Department of Health; DoW = Department of Water, EPA = Environmental Protection Authority; FMGL = Fortescue Metals Group Limited, Minister for Env = Minister for the Environment; OEPA = Office of the Environmental Protection Authority.
- Compliance Status: C = Compliant, CLD = Completed, NA = Not Audited, NC = Non – compliant, NR = Not Required at this stage. Please note the terms VR = Verification Required and IP = In Process are only for OEPA use.

Element	Description	2011 Verification	Status
General			
Mine Life	Firetail – 20 years. Kings – 20 years.	Mining had not commenced at the completion of the reporting period.	C
Clearing (Total Disturbance)	Firetail – up to 1100 hectares. Kings – up to 3300 hectares. Railway – up to 1,897 ha with permanent disturbance of 764 ha and 1,133 ha rehabilitated.	Solomon Project Total Disturbance: 1194.51 ha	C
Mine Pit Area	Firetail – up to 880 hectares. Kings – up to 2750 hectares.	Mining had not commenced at the completion of the reporting period.	C
Length of Railway	<ul style="list-style-type: none"> • Up to 130 kilometre Railway extending from Fortescue's existing Port Headland to Cloudbreak rail line to the Firetail mining area; and • Rail spur from the main Solomon rail to a loading siding south of the Valley of the Kings. 	Rail construction underway during reporting period, length of construction is as described.	C
Dewatering	Up to 10 gigalitres per annum from the Kings mine	Mine dewatering had not commenced at the completion of the reporting period.	NR

Element	Description	2011 Verification	Status
Waste Rock Disposal	Firetail – up to 128 million tonnes disposal to external waste dumps, remainder to in-pit backfilling Kings – up to 245 million tonnes disposal to external waste dumps, remainder to in-pit backfilling.	Mining had not commenced at the completion of the reporting period.	NR
Final Landform	Backfilling to an extent that precludes the formation of pit lakes.	Mining had not commenced at the completion of the reporting period.	NR
Tailings Storage Facilities	Tailings disposal in constructed valley pits located near the Kings and Firetail processing facilities.	Tailings disposal facilities in design phase	NR
Dewater Disposal	<ul style="list-style-type: none"> Processing and operational water supply requirements; and Managed aquifer recharge. 	Mine dewatering had not commenced at the completion of the reporting period.	NR
Infrastructure			
Ore Processing	Separate facilities required to process Channel Iron Deposit and Banded Iron Deposit / Detrital Iron Deposit. Processing using tertiary and secondary crushing, and gravity concentration of the ore combined with separation of sand and clay waste materials.	Ore processing facilities in design phase.	NR
Airport	Airport facility including small shelter, maintenance workshop, refuelling facilities and ablution block to be used for mining and conservation related purposes.	The airport is as described	C
Accommodation	<ul style="list-style-type: none"> Temporary construction camps for rail and minesite; and Permanent accommodation village and supporting infrastructure for a workforce of up to 1800. 	The accommodation facilities are as described	C

3. DISCUSSION

The Solomon Project continues to develop and is currently on schedule to commence commissioning of some processing infrastructure during the 2012 year. Mining Proposals approved to date reflect the staged approach to the development of the project. It is anticipated that a final Mining Proposal and Closure Plan will be submitted to reflect full operation in mid 2012.

Fortescue has implemented the approved Compliance Assessment Plan. Conditions M 8.1.1 and M 8.1.2 were not complied with, as baseline weed surveys of impact and reference sites were not undertaken prior to ground disturbance. All other conditions were complied with.

The following is a list of environmental reports that have been made publicly available via the Fortescue web site:

- Reporting used for the assessment of the project as documented by the PER;
- *Robe Pisolite Assessment and Targeted Gompholobium Karijini (P2) Survey;*
- *Solomon Rail Project: Targeted Priority Flora Survey;*
- *Solomon Rail Project: Mulga Monitoring Baseline Survey;*
- *Solomon Rail Project: Mulga Monitoring Baseline Ant Community Survey; and*

4. REVIEW OF ASSESSMENT PLAN

No modifications of the Compliance Assessment Plan are proposed. A detailed review of the Compliance Assessment Plan will be completed in the next compliance assessment report, due 31 March 2013, to ensure the plan remains relevant.