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20B NON-INDIGENOUS CULTURAL HERITAGE

20B.1 INTRODUCTION

This chapter provides further assessment and information on non-indigenous cultural heritage values within the study area, the potential impacts associated with Project activities and the mitigation measures proposed, in response to various submissions on the Environmental Impact Statement (EIS).

The information presented builds on the EIS, Volume 1, Chapter 20B Non-Indigenous Cultural Heritage and should be read in conjunction with the EIS chapter. This chapter provides further information on selected items in the EIS chapter, including further detail on the history of the regions, and incorporates assessment of changes to the Project subsequent to publication of the EIS.

Further detailed information is located in an Addendum to the non-Indigenous cultural heritage technical report relating to the Supplementary EIS, presented in STR 20B-1-SV1.5 Wandoan Coal Project Addendum to the Technical Report, Non-Indigenous Cultural Heritage impact assessment.

20B.1.1 STUDY AREA LOCATION

The study area location is as described in the EIS Volume 1, Chapter 20B Non-Indigenous Cultural Heritage, section 20B.1.1.

20B.1.2 DESCRIPTION OF STUDY AREA

The study area is as generally described in the EIS Volume 1, Chapter 20B Non-Indigenous Cultural Heritage, section 20B.1.2. However features of the Project that have the potential to affect non-indigenous cultural heritage within the MLA areas that have been modified since the EIS include:

- the revised proposed MLA boundary
- an additional pit, Wubagul Pit located in MLA 50230 in the south-east corner
- an increase in the size of Austinvale North Pit, along with associated out-of-pit overburden stockpile areas
- removal of Woleebee South Pit from the revised mine schedule
- changes to haul roads
- changes to the mine access road
- realignment of state and local roads within the MLA areas.

Figure 20B-1-SV1.3 depicts the study area, including the modified features and location of cultural heritage items.

20B.2 REGULATORY FRAMEWORK

20B.3 METHODOLOGY OF ASSESSMENT

The methodology of assessment in the Supplementary EIS is consistent with the methodology described in the EIS Volume 1, Chapter 20B Non-Indigenous Cultural Heritage, section 20B.3.

20B.3.2 CONSULTATION

In addition to the consultation undertaken as described in the EIS, submissions to the Coordinator-General received on the EIS have been considered in this Supplementary EIS chapter and the associated technical report STR 20B-1-SV1.5.

20B.3.3 FIELD INSPECTIONS

Field inspections were undertaken as presented in the EIS, section 20B.3.3. No field inspections were undertaken as part of the Supplementary EIS.
20B.4 HERITAGE FINDINGS

Non-Indigenous cultural heritage findings are as described in the EIS, section 20B.4. Following submissions on the EIS, the Addendum to the technical report, as presented in TR 20B-1-SV1.5 further clarifies and describes various elements of the historical context of the Wandoan district, and associated items of cultural heritage. An additional item is also described based on submissions on the EIS, being Item 28 Trelinga Homestead.

20B.5 POTENTIAL IMPACTS

20B.5.1 SIGNIFICANCE ASSESSMENT

Further to the significance assessment provided in the EIS in section 20B.5.1, the following clarifies and provides additional information on the significance of various items of cultural heritage. The items below are considered to be of local significance, based on the findings of studies for the EIS and Supplementary EIS. Table 20B-1 also provides a revised summary of significance, potential impacts and mitigation measures of recorded items.

No known items discussed in this chapter are formally registered on any State or Commonwealth Registers. No items within the Project area are listed on the local planning registers. Three items are listed as items of interest on the heritage inventory held by DERM. Items in this inventory are considered by DERM to have potential State, regional or local level cultural heritage significance. However, DERM is yet to formally assess these items so their actual significance has not yet been determined by DERM. The recorded items that may be potentially affected by the Project have been considered in the cultural heritage assessment and demonstrated to be locally significant but are not likely to meet the requirements for inclusion in any State or Commonwealth Register.

**Booral holding**

The *Booral* holding refers to the land tenure established in the later 19th century and subsequent changes to that tenure. The reference to the *Booral* house refers to the dwelling which was constructed in the early 1900s.

**Booral House Complex**

The Addendum to the technical report STR 20B-1-SV1.5, section 2.6, item 8 provides a full significance assessment of the *Booral* House Complex. In summary, *Booral* house is a timber building with a corrugated iron roof. It is typical of the ‘Bungalow’ style of dwellings that were popular in Queensland between 1900 and 1920, with a U-shaped verandah and a continuous Bungalow roof, and is an example of the ‘exposed beam’ style of building. *Booral* house was constructed at or just after 1900, though it has undergone various modifications over time, which has reduced the intactness of the building.

The *Booral* house is considered to be locally significant and according to Australia ICOMOS guidelines relating to this type of cultural heritage, the physical location of a place is part of its cultural significance. A building should remain in its historical location and relocation is generally unacceptable, unless this is the sole practical means of ensuring its survival. In its current position the house maintains a connection to the coach paddock and coach track which were important in the historical development of transport in the area. The original Booral Road will remain unchanged in relation to the house, maintaining the connection to the old transport route.

*Booral* house is outside the MLA areas.

**Booral meat house**

The Addendum to the technical report STR 20B-1-SV1.5, section 2.6, item 8a provides a significance assessment of the *Booral* meat house. The Booral meat house is a rough hewn wood structure, approximately 6 m by 4 m, which has been used as a meat house, though this may not have been its original function, as the meat house may possibly pre-date the *Booral* house. This may be supported by a report on the property prepared in 1899 which notes the existence of a ‘hut or tent’ occupied by a bailiff.

The meat house is a rough construction with untreated support posts and wall timbers. Bark roofing is in place over a portion of the roof, but corrugated iron has also been used as roofing. The whole structure is
unstable and in poor condition. Corrugated iron and sawn timbers have been used to construct an extension to the rear of the building.

The meat house is the only structure on the property that demonstrates the use of unmodified timbers for wall construction and bark roofing. This is one of the earliest forms of domestic colonial construction and is increasingly rare. The meat house is an example of expedient use of local material with little or no shaping of the timbers. Materials immediately at hand were used to construct a utilitarian structure. This is the only example of this type of construction identified in the Project area.

The Booral meat house is outside the MLA areas.

**Booral tick spray reservoir**

The Addendum to the technical report STR 20B-1-SV1.5, section 2.6, item 8b provides a significance assessment of the Booral tick spray reservoir. The tick reservoir is constructed of concrete flooring, corrugated iron siding and wood posts. From local knowledge, the spray dip was probably built in the 1960s and would not have been the original dip for Booral.

Booral tick spray reservoir is outside the MLA areas.

**Booral rubbish dump**

The Addendum to the technical report STR 20B-1-SV1.5, section 2.6, item 8c provides a significance assessment of the Booral rubbish dump. The rubbish and bottle dump is located 150 m west of the Booral house. This dump has the potential to contain material relating to farm life from the early 1900s to the mid 20th century.

Booral rubbish dump is outside the MLA areas.

**Booral split post fencing**

The Addendum to the technical report STR 20B-1-SV1.5, section 2.6, item 8d provides a significance assessment of the Booral split post fencing. A sheep paddock is located to the rear and west of the house, though according to local knowledge, this was not the main sheep paddock for the property. The original fencing for this house paddock remains.

The Booral split post fencing is outside the MLA areas.

**Juandah Historical Site**

The Addendum to the technical report STR 20B-1-SV1.5, section 2.6, item 23 describes the Juandah Historical Site. The Juandah Historical Site is located 1 km south of Wandoan township and contains remnants of the Juandah homestead and outbuildings and serves as a repository for other historical buildings and structures from the local area. These include the trainmen’s quarters from the rail yard and more recently the luncheon pavilion from the Wandoan showgrounds. Previous moves of historical buildings and structures to the Juandah Historical Site are unrelated to this Project.

The Juandah Historical Site is outside the MLA boundary.

**Wandoan-Jackson Camping Reserve and Stock Route**

The Addendum to the technical report STR 20B-1-SV1.5, section 2.6, item 25 describes the Wandoan-Jackson Camping Reserve and Stock Route. The earliest road through the district came from Ipswich, crossing the range and following Downfall Creek to Juandah station. The road then continued north to Taroom and west across the resumed Juandah lands to the western stations like Clifford, Bundi and Hinchley. The Wandoan-Jackson Road follows part of that early road which relates to the pastoral era and the resumption period.

The early telegraph/telephone line also followed the Wandoan-Jackson Road stock route. The route and the telegraph/telephone line remnants are listed on the DERM inventory, number 22315, as an item of interest. Cypress pine posts and several china/glass conductors remain from the early line.

The stock route traverses MLAs 50230 and 50231.
Wandoan Railway complex

The Addendum to the technical report STR 20B-1-SV1.5, section 2.6, item 26 describes the Wandoan Railway complex. The Wandoan-Miles rail line was constructed in 1914. The rail line is represented by the railway station building, which has been previously relocated to W. O’Sullivan Memorial Park in Wandoan Township by Queensland Rail and the Council, the trainsmens quarters which have previously been relocated to the Juandah Historical Site, and the existing rail tracks. The silos (circa 1950) and the holding stock holding yards form part of the railway facility.

The Wandoan Railway complex is outside the MLA boundary.

20B.5.2 IMPACT ASSESSMENT

An impact assessment considers the details of the Project and the potential impacts the Project may have on individual or complexes of sites and the landscape. The assumption is made that the Project is generally not compatible with the in situ conservation of items within the MLA areas. Potential impacts include:

- no impact – there will be no impacts from the Project on an item
- indirect – impacts may occur due to increased traffic, local works, blasting and general movement. Leaving an item in place but abandoned, also has impact for the item
- direct – demolition, destruction, excavation, blasting, vehicle traffic, vibration from heavy machinery and infrastructure construction.

Cultural heritage items adjacent to the mine area may be subject to direct or indirect impacts resulting from work activities. Depending on the ancillary activities that may occur in the vicinity of items and places in the adjoining lands there may be indirect affects. Activities such as blasting and the movement of heavy equipment, may potentially have indirect adverse affects on structures in adjoining lands through vibration. The issue of the effects of vibration on historical items is raised here, but the vibration assessment is discussed in Chapter 16 Vibration.

In response to submissions on the EIS, the potential impacts associated with the Booral holding, Juandah Historical Site, Wandoan-Jackson Camping Reserve and Stock Route, and the Wandoan Railway complex are discussed in further detail in the Addendum to the technical report STR 20B-1-SV1.5, section 3.1. The Juandah Historical Site, Wandoan-Jackson Camping Reserve and Stock Route, and the Wandoan Railway complex are listed on the heritage inventory held by DERM (formerly EPA). Items in this inventory are considered by DERM to have potential State, regional or local level cultural heritage significance.

Table 20B-1 provides a revised summary of significance, potential impacts and mitigation measures of recorded items. The associated Addendum to the technical report, STR 20B-1-SV1.5, should be referenced for additional details. For those recorded items not listed in Table 20B-1 compared to the EIS, no change in significance, potential impact or mitigation measure was found as part of assessment for the Supplementary EIS, with reference to the EIS Volume 1, Chapter 20B required.

Booral Holding

The Booral house (item 8) and the meat house (item 8a), located to the north of the MLA areas, will not be directly impacted by the Project. These items are within 2 km of the accommodation facilities and may be indirectly impacted from the development of these facilities.

Since publication of the EIS, the WJV has committed to retaining the Booral house and meat house items in situ and maintaining and using appropriately.

However to fully respond to points raised in submissions on the EIS, discussion is provided in the Addendum to the technical report, STR 20B-1-SV1.5, section 3.1, that addresses the various potential impacts associated with Booral Holding, and its potential inter-relationships with other items of cultural heritage, such as the Juandah Historical Site, if alternative actions other than retaining Booral house and meat house items in situ were undertaken.
### Table 20B-1: Summary of potential impacts and mitigation measures of non-Indigenous cultural heritage items associated with the MLA areas and surrounds

<table>
<thead>
<tr>
<th>Site No.</th>
<th>Recorded item</th>
<th>Condition</th>
<th>Integrity</th>
<th>Degree criteria</th>
<th>Significance level</th>
<th>Reason for significance</th>
<th>Potential impacts</th>
<th>Mitigation measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Soldier Settlement Roads</td>
<td>Intact</td>
<td>Intact</td>
<td>Representative</td>
<td>Local/ Social</td>
<td>Local significance as part of the Soldier Settlement Scheme.</td>
<td>Direct The roads within the MLA area will be closed.</td>
<td>No further documentation is required.</td>
</tr>
<tr>
<td>6a</td>
<td>Booral Boundary Fence</td>
<td>Intact</td>
<td>Intact</td>
<td>Rare</td>
<td>Local</td>
<td>Remnant of fencing for Agricultural farm after Resumption.</td>
<td>Direct This item is within MLA 50229 boundary and falls within the Mud Creek Pit.</td>
<td>This item has been recorded and no further documentation is required.</td>
</tr>
<tr>
<td>6b</td>
<td>Booral Survey Tree late 1800s</td>
<td>Intact</td>
<td>Intact</td>
<td>Rare</td>
<td>Local</td>
<td>The tree is a surviving example of a marked tree relating to the government survey of land for Agricultural farms.</td>
<td>Direct This item is within MLA 50229 boundary and falls within the Mud Creek Pit.</td>
<td>This item has been recorded and no further documentation is required. Consult with the Project surveyor regarding requirements for removal.</td>
</tr>
<tr>
<td>7</td>
<td>Booral Petrified Wood Outcrop</td>
<td>Intact</td>
<td>Intact</td>
<td>N/A</td>
<td>Local</td>
<td>Local tourism resource. Tourism opportunities are beyond the scope of the study.</td>
<td>Direct This item is outside the MLA boundary but within the accommodation facilities. Impact is due to construction of accommodation facilities.</td>
<td>The item has been recorded.</td>
</tr>
<tr>
<td>8</td>
<td>Booral House</td>
<td>Intact</td>
<td>Minor Modification</td>
<td>Rare</td>
<td>Local</td>
<td>Demonstrates local construction of a substantial dwelling using locally available material and expertise.</td>
<td>Direct The WJV commitments to retaining Booral house in situ.</td>
<td>WJV has committed to retaining the Booral house in situ and maintaining and using appropriately.</td>
</tr>
<tr>
<td>8a</td>
<td>Booral Meat House</td>
<td>Standing Ruin</td>
<td>Minor Modification</td>
<td>Rare</td>
<td>Local</td>
<td>Demonstrates an early construction method and the use of locally available material to solve an immediate need.</td>
<td>Direct The WJV commitments to retaining Booral meat house in situ.</td>
<td>WJV has committed to retaining the Booral meat house in situ.</td>
</tr>
<tr>
<td>Site No.</td>
<td>Recorded item</td>
<td>Condition</td>
<td>Integrity</td>
<td>Degree criteria</td>
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<td>Reason for significance</td>
<td>Potential impacts</td>
<td>Mitigation measures</td>
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<tr>
<td>8b</td>
<td>Booral Tick Spray Reservoir</td>
<td>Intact</td>
<td>Intact</td>
<td>Representative</td>
<td>Local</td>
<td>Example of the technology employed after 1960 which controlled the tick problem and increased prosperity.</td>
<td>Indirect. This item is outside the MLA boundary though may be impacted by the establishment of the accommodation facilities.</td>
<td>This item has been recorded and no further documentation is required.</td>
</tr>
<tr>
<td>8c</td>
<td>Booral Rubbish Dump</td>
<td>Archaeological Site</td>
<td>Intact</td>
<td>Rare</td>
<td>Local/Scientific</td>
<td>Archaeological deposit with potential to provide information on farm life in the first half of the 20th century.</td>
<td>Indirect. This item is outside the MLA boundary though may be impacted by the establishment of the accommodation facilities.</td>
<td>As the Booral house and meat house remain in situ, this item should be left in place.</td>
</tr>
<tr>
<td>8d</td>
<td>Booral Split Post Fencing</td>
<td>Intact</td>
<td>Intact</td>
<td>Rare</td>
<td>Local</td>
<td>Vernacular construction for sheep fencing, superseded the wood fold.</td>
<td>Indirect. This item is outside the MLA boundary though may be impacted by the establishment of the accommodation facilities.</td>
<td>This item has been recorded and no further documentation is required.</td>
</tr>
<tr>
<td>11</td>
<td>1950 Soldier Settlement Dam and windmill</td>
<td>Intact</td>
<td>Intact</td>
<td>Representative</td>
<td>Local</td>
<td>State involvement in setting up viable Soldier Settler farms</td>
<td>Direct. This item is outside the MLA boundary but within the accommodation facilities area. Impact is due to construction of accommodation facilities.</td>
<td>This item has been recorded and no further documentation is required.</td>
</tr>
<tr>
<td>12</td>
<td>Ruin – diary farm</td>
<td>Ruin</td>
<td>Major Modification</td>
<td>Rare</td>
<td>Local</td>
<td>Location of only reported pre World War I dairy farm.</td>
<td>Direct. This item is outside the MLA boundary but within the accommodation facilities. Impact is due to construction of accommodation facilities.</td>
<td>This item has been recorded and no further documentation is required.</td>
</tr>
<tr>
<td>13</td>
<td>Woleebee Creek Bridge</td>
<td>Intact</td>
<td>Intact</td>
<td>Representative</td>
<td>Local</td>
<td>Demonstrates vernacular bridge construction</td>
<td>No impact.</td>
<td>No action required. This item will not be impacted by the Project.</td>
</tr>
<tr>
<td>Site No.</td>
<td>Recorded item</td>
<td>Condition</td>
<td>Integrity</td>
<td>Degree criteria</td>
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<td>Reason for significance</td>
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<tr>
<td>14</td>
<td>Woleebee Creek Survey Tree</td>
<td>Intact</td>
<td>Intact</td>
<td>Representative</td>
<td>Local</td>
<td>Relates to the period after 1920 when Main Roads took responsibility for local main roads. The tree is a surviving example of a survey tree related to the upgrading and construction of the Wandoan Jackson road.</td>
<td>No impact.</td>
<td>No action required. This item will not be impacted by the Project.</td>
</tr>
<tr>
<td>16</td>
<td>Location of ring barkers camp Archaeological Site</td>
<td>Intact</td>
<td>Representative</td>
<td>Local</td>
<td>Example of farm activities</td>
<td>No impact. This item is outside of the revised proposed MLA boundary.</td>
<td>No action required. This item will not be impacted by the Project.</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Government Survey Marker</td>
<td>Intact</td>
<td>Intact</td>
<td>Representative</td>
<td>Local</td>
<td>Soldier settlement survey marker tree. Surviving example of marked tree relating to surveys for the Soldier Settlement Scheme.</td>
<td>No impact. This item is outside of the revised proposed MLA boundary.</td>
<td>No action required. This item will not be impacted by the Project.</td>
</tr>
<tr>
<td>18</td>
<td>Holding Yard Posts</td>
<td>Ruin</td>
<td>Minor Modification</td>
<td>Rare</td>
<td>Local</td>
<td>Demonstrates vernacular construction of holding yards.</td>
<td>No impact. This item is outside of the revised proposed MLA boundary.</td>
<td>No action required. This item will not be impacted by the Project.</td>
</tr>
<tr>
<td>19</td>
<td>Wainwrights “Grosmont’ Track and Sheep Fence</td>
<td>Ruin</td>
<td>Minor Modification</td>
<td>Rare</td>
<td>Local</td>
<td>Vernacular construction for sheep fencing, common response to dingo problem and lack of man power – fences replaced shepherds.</td>
<td>No impact. This item is outside of the revised proposed MLA boundary.</td>
<td>No action required. This item will not be impacted by the Project.</td>
</tr>
<tr>
<td>20</td>
<td>Wainwrights Bridge</td>
<td>Ruin</td>
<td>Major Modification</td>
<td>Rare</td>
<td>Local</td>
<td>Demonstrates local vernacular bridge construction by private individual.</td>
<td>No impact. This item is outside of the revised proposed MLA boundary.</td>
<td>No action required. This item will not be impacted by the Project.</td>
</tr>
<tr>
<td>21</td>
<td>“Settlers Bridge” Mud Creek</td>
<td>Intact</td>
<td>Intact</td>
<td>Representative</td>
<td>Local/Social</td>
<td>Demonstrates local vernacular bridge construction. Lottery held by community to name bridge.</td>
<td>No impact. This item is outside of the revised proposed MLA boundary.</td>
<td>No action required. This item will not be impacted by the Project.</td>
</tr>
<tr>
<td>Site No.</td>
<td>Recorded item</td>
<td>Condition</td>
<td>Integrity</td>
<td>Degree criteria</td>
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</tr>
<tr>
<td>23</td>
<td>Juandah Homestead</td>
<td>Intact</td>
<td>Intact</td>
<td>Representative</td>
<td>Local</td>
<td>The bridge has high local significance.</td>
<td>No impact: The Project will not impact the Juandah Homestead and Lagoon, assuming that the Booral house and meat house are not moved.</td>
<td>No action required. This item will not be impacted by the Project.</td>
</tr>
<tr>
<td>25</td>
<td>Wandoan Jackson Road stock route /road reserve</td>
<td>Intact</td>
<td>Intact</td>
<td>Representative</td>
<td>Local</td>
<td>Stock route in use possibly from the Pastoral period. This item is listed as Item 22315, Camping Reserve and Stock Route Wandoan, as an item of interest on the DERM Inventory.</td>
<td>Direct. This item is within MLA 50230 and passes through both Frank Creek Pit and Woleebbe Pit.</td>
<td>Refer to section 20B.6.3 below. Provide DERM with details of the results of impact to the portion of the stock route once changes are made.</td>
</tr>
<tr>
<td>26</td>
<td>Wandoan Railway</td>
<td>Intact</td>
<td>Intact</td>
<td>Representative</td>
<td>Local</td>
<td>Indicative of the rail system which fostered development of the District. This item is listed as Item 2628 as an item of interest on the DERM Inventory.</td>
<td>No impact. This item is outside of the MLA boundary.</td>
<td>Refer to section 20B.6.4 below. No action required. This item will not be impacted by the Project.</td>
</tr>
<tr>
<td>27</td>
<td>Wandoan Cemetery</td>
<td>Intact</td>
<td>Intact</td>
<td>Representative</td>
<td>Local/Social</td>
<td>The cemetery has high local significance with high community recognition. The cemetery is a part of the historical record of Soldier Settlement families and as such has heritage value.</td>
<td>No direct impact. Issues of social amenity during the conduct of funerals are not part of this cultural heritage assessment.</td>
<td>No action required. This item will not be impacted by the Project.</td>
</tr>
</tbody>
</table>
### Recorded Item

<table>
<thead>
<tr>
<th>Site No.</th>
<th>Recorded item</th>
<th>Condition</th>
<th>Integrity</th>
<th>Degree criteria</th>
<th>Significance level</th>
<th>Reason for significance</th>
<th>Potential impacts</th>
<th>Mitigation measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
<td>Trelinga Homestead (identified as sensitive receptor MLA-484)</td>
<td>Intact</td>
<td>Intact</td>
<td>Representative</td>
<td>Local</td>
<td>The Trelinga Homestead is reported to be an example of the building skills of self taught bush carpenters.</td>
<td>No impact. This item is outside of the MLA boundary.</td>
<td>No action required. This item will not be impacted by the Project.</td>
</tr>
</tbody>
</table>
## Juandah Historical Site

The *Juandah* Homestead and Lagoon are listed as item 22314 on the DERM inventory for items that have potential State, regional or local level cultural heritage significance, and form part of the *Juandah* Historical Site.

No impact:

1. The Project will not impact the *Juandah* Homestead and Lagoon, assuming that the *Booral* house and meat house are not moved.

The Addendum to the technical report, STR 20B-1-SV1.5, section 3.1, discusses other potential impacts, given the potential inter-relationship of *Booral* house and Juandah Historical Site identified in the EIS. However, as the WJV has committed to retaining *Booral* house in situ, no further discussion on the potential impacts with *Juandah* Historical Site are provided in the chapter.

## Wandoan-Jackson Camping Reserve and Stock Route

The Wandoan–Jackson Camping Reserve and Stock Route are listed as item 22315 on the DERM inventory for items that have potential State, regional or local level cultural heritage significance.

**Direct impact:**

1. The Project will directly impact this item between Peakes Road and Woleeebee Creek Bridge in MLAs 50230 and 50231. The road reserve in this section will be impacted by pit development. The realignment of the road in this section results in a loss of the original route for that portion. According to the DERM listing Item 22315 ‘the stock route is covered by the Wandaon Jackson Road and an early telegraph line ran along this route. Cypress pine posts and glass/china conductors can still be found in the reserve.’

## Wandoan Railway complex

The Wandoan Railway complex is listed as Item 2628 on the DERM inventory for items that have potential State, regional or local level cultural heritage significance

No impact:

1. The Project will not impact the railway complex, the station building which is now located in W. O’Sullivan Memorial Park, the trainsmens quarters now located in the *Juandah* Historical Site, or the rail line and associated facilities.

### 20B.6 MITIGATION MEASURES

In response to submissions on the EIS, the mitigation measures associated with the *Booral* holding, *Juandah* Historical Site, Wandoan-Jackson Camping Reserve and Stock Route, and the Wandoan Railway complex have been discussed in further detail in the Addendum to the technical report, STR 20B-1-SV1.5.

Table 20B-1 above provides a revised summary of significance, potential impacts and mitigation measures of recorded items. The associated Addendum to the technical report, TR 20B-1-SV1.5, should be referenced for additional mitigation measures. For those recorded items not listed in Table 20B-1 compared to the EIS or any other mitigation measures not listed below, no change in mitigation measures were found as part of assessment for the Supplementary EIS, with reference to the EIS Volume 1, Chapter 20B required.

The mitigation measures satisfy the statutory responsibilities and duties of care, including those under the *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC Act) and the *Queensland Heritage Act 1992* and consider the community interest and concern as expressed during consultation.

In general, the WJV will consult with the community, the RSL, the *Juandah* Historical Society and Western Downs Regional Council regarding the commissioning of a community memorial to the settlers.

*In situ* conservation of the cultural heritage items within the MLA boundary is not likely to be compatible with the Project scope. All items were considered to be of some local significance. The *Booral* house and the *Booral* meat house are outside the MLA area boundary. Local roads accessing the property will remain intact. As the *Booral* house and meat house are outside the MLA boundary, the WJV’s preferred option for management is that the house and meat house be retained *in situ* with *Booral* house being maintained and used appropriately.

A cultural heritage management plan will be developed to record and manage items that may be identified during the planning, design and construction of the Project, and record and manage items that will remain in place to prevent inadvertent impacts during the mining activities.
20B.6.1 **BOORAL HOUSE AND MEAT HOUSE**

The *Booral* house and meat house are considered to be culturally significant at a local level based on the findings of this assessment. The Australia ICOMOS guidelines relating to these types of cultural heritage items indicate that the best practice is to retain the buildings in their historical location, and use and maintain them appropriately. The WJV commits to retaining the *Booral* house and meat house items *in situ* and maintaining and using appropriately.

If the WJV restores *Booral* house, to ensure the appropriate restoration is undertaken and conservation measures are put in place, a heritage architect will be contracted to assess the *Booral* house and the meat house. The assessment will include:

- archival photographic recording and a physical description of the structure to record evidence of the design of the structure
- a structural assessment to determine the affects the proposed level of blasting associated with the mine operation or other vibration sources may have on the buildings
- preparation of a conservation management plan and advice on requirements to restore the structures and possibly remove unsympathetic elements. The plan will also include strategies for the future protection of the buildings given that it is unlikely that the buildings will be permanently occupied.

If the WJV retains *Booral* house and meat house in situ without restoration or ongoing use, and the WJV commits to:

- developing a conservation management plan to ensure that the structural integrity and security of the buildings are maintained for the life of the Project. Undertake maintenance and repairs to the existing structures as necessary to ensure stability during mine activities. The plan will be developed by a heritage architect
- secure the property adequately.

20B.6.2 **JUANDAH HOMESTEAD**

The *Juandah* Homestead and Lagoon are listed on the DERM inventory as Item 22314, as items of interest. The *Juandah* Historical Site land is owned by the *Juandah* Historical Society and there is a Management Plan in place which controls actions on the site.

As *Booral* house and meat house are not being relocated to the *Juandah* Historical Site, there will be no impact to the *Juandah* Homestead remnants or the Lagoon by the Project, and therefore no mitigation measures are required.

20B.6.3 **WANDOAN JACKSON CAMPING RESERVE AND STOCK ROUTE**

This item is listed as Item 22315 Camping Reserve and Stock Route, Wandoan, as an item of interest on the DERM Inventory. A portion of the stock route from Peakes Road to Woleebee Creek will be realigned as that section is affected by the Project. The stock route has local significance as it connected *Juandah* Station to stations further west and has been used continuously since then for local cattle movement and later as the main access road east to Wandoan. The route is documented on local maps and in stock route documents and the section to be affected has been documented as part of this impact assessment. The telegraph/telephone remnants are locally significant as part of the communication infrastructure of the district.

Information on the ultimate extent of any impacts and the outcome of the Project on the stock route will be provided to DERM over the life of the Project, to enable DERM to update records accordingly.

No further archaeological investigation is required.

20B.6.4 **WANDOAN RAILWAY COMPLEX**

The Wandoan Railway complex is listed as Item 2628 as an item of interest on the DERM Inventory. There will be no impact to the railway complex from the Project.
20B.7 RESIDUAL IMPACTS
Residual impacts are as described in the EIS Volume 1, Chapter 20B Non-Indigenous Cultural Heritage, section 20B.7. Further clarification following submissions on the EIS, includes that the WJV commits to retaining the Booral house and meat house items *in situ* and maintaining and using appropriately.

20B.8 REFERENCES
ICOMOS, Australian, 1988, *The Burra Charter: The Australia ICOMOS charter for the conservation of places of cultural significance*, ICOMOS.