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Q.1 Introduction

BMA has formed wide ranging partnerships with community members and government to help identify, and work to mitigate against, the social impacts of mining on Bowen Basin communities.

The Daunia Project response to agency submissions showcase BMA's investment across the Sustainable Resource Communities Leadership Group, the Bowen Basin Mayors Group, regional social and economic development groups, community service providers, and all levels of government, to help improve liveability in the communities in which we operate.

While planning for Government service delivery is primarily a Government responsibility, BMA will continue to support the Government by providing forecasts and projections related to our growth plans, and encourage others in the industry to do the same.

The responses that follow address each agency submission related to social impacts for the Daunia project, and accordingly, there is some repetition.

BMA looks forward to strengthening its collaborative working relationship with government across all of its growth projects, to deliver worthwhile social outcomes for the community

Q.2 Detailed Response to the Queensland Police Service

Q.2.1 Housing Affordability

Cumulative Impacts

Access to affordable housing has been identified as an issue for a range of service providers in the Bowen Basin. Through the Sustainable Resource Communities Fund BMA has advocated the need for upgraded Government service accommodation and affordable housing provision.

BMA acknowledges that it is the role of government and its agencies to manage and mitigate these impacts, but as the proponent, will continue to contribute information and forecasts as appropriate, to assist government in appropriately allocating resources and funds.

BMA has requested membership on the Sustainable Resource Communities Leadership Group so that we can further support Government in its planning for social infrastructure and service provision in addressing the cumulative impacts of growth.

BMA is currently advocating the need for a Northern Bowen Basin and Mackay Regional Planning exercise to ensure that the cumulative impacts of growth are also considered and addressed at a regional level. The aim of this proposed planning exercise is also help prepare the region for the strong medium and long-term coal industry growth outlook.

BMA's immediate response to Cumulative Impacts

BMA has a dedicated Housing Manager who works closely with local councils and development planning committees to share responsibility in easing pressure on housing demand, which has traditionally driven up the costs of housing and rent.



BMA also helps to relieve pressure on local government budgets by funding special rates and paying for headwork charges, thereby freeing up Government funds for investment in affordable housing see Appendix P- Section P.1 BMA's Community Investment Fact Sheet, for further information).

BMA plays an advocacy role with government and industry in helping to attract additional funds for affordable housing in the region. Through the \$100 million Sustainable Resource Communities Partnership Fund, BMA is advocating for funds and resources to alleviate housing pressures, including emergency housing.

BMA also works closely with third party providers and local government to ensure supply of developed land to the community. BMA will continue to engage in commercially realistic agreements to assist investors in developing rental accommodation

Daunia Project-specific Impacts

In relation to the Daunia project specifically, social studies and interviews with community service providers have not indicated that the Daunia project alone would impact on the availability of affordable housing in Moranbah, nor see the need for additional police services.

As Daunia is currently proposed as contractor-operating model, the primary accommodation location for the workforce is the Mac Accommodation Village at Coppabella. At least 90 per cent of the construction workforce, and 70 per cent of the operational workforce, will be housed at the Village and BMA will build houses and units in Moranbah to accommodate the operational management team.

The rooms at Coppabella are new rooms, constructed through a negotiated commercial arrangement with a third party provider, to specifically meet the requirements of the construction and operational contractor workforce at Daunia Mine, and placing no additional pressure on availability of housing in Moranbah for the likes of Police Officers and other service providers.

Behaviour on-site at the Mac Accommodation Village in Coppabella is monitored, for the safety of those living in the Village, and the wider community. There are a number of measures in place including a restricted wet mess, which opens at midday and with last drinks at 9.30pm.

There are a range of recreational facilities and activities on offer to mitigate against a 'drinking culture'. For example, lap pool and tennis court currently being developed, walking and running tracks, 24 hour gym, library, BBQ and social areas, and lots of green space.

Inappropriate behaviour is not tolerated at the Village - residents are aware that inappropriate behaviour will lead to bans from the tavern and recreational facilities. Mixed sexes at the camp also encourages a culture of mutual respect and socially appropriate behaviour (approximately a 80 per cent male, and 20 percent female split).

Additional Police Force Resources

BMA acknowledges that it is the role of government and its agencies to manage police force resourcing requirements. As the proponent, BMA will continue to contribute information and forecasts as appropriate, to assist government in appropriately allocating resources and funds.



Through the \$100 million Sustainable Resource Communities Fund, BMA is advocating the need for affordable accommodation for all government services, including Police services, and the upgrade of Police stations and emergency services facilities.

However, because of the positive living environment at the Accommodation Village, quality of facilities and monitored supervision, it is expected that travel outside the Village for Daunia Mine workers while on shift will be minimal, thereby reducing the need for additional Police resources.

Q.3 Detailed Response to the Department of Infrastructure and Planning

Q.3.1 Community Engagement Strategy

BMA has conducted an extensive community engagement program for the BMA Growth Project focussed on preparing the community for the overall growth of BMA interests in the region. This growth includes the Daunia Coal Mine, Caval Ridge Coal Mine and the Goonyella Riverside Expansion. It also considers the relocation and upgrade of the Moranbah Airport.

BMA's community engagement strategy is to undertake an extensive process of engagement and consultation on the Growth Project, during the EIS phase, construction and operation of the new and expanded mines. Please refer to **Chapter 16** of the Daunia EIS, which details the community consultation and engagement activities carried out for the Daunia Project.

Stakeholder engagement

BMA engaged broadly with the Bowen Basin community about the Daunia Project, with consultation activities reaching a wide range of key stakeholders:

- **Local Council:** BMA representatives attended monthly meetings with the Isaac Regional Council to discuss BMA operations, community investment and general activities in the region. These meetings provide a local government forum for BMA to outline its growth plans and to gather Council's input on mine planning, the EIS process, workforce accommodation and social services.
- BMA's dedicated Community Investment team is also involved with periodic meetings with the Central Highlands Regional Council's Economic Development Committee, and takes part in Council's annual strategic and corporate planning activities.
- **General Community:** Discussions with the general community and key stakeholders (as outlined in Chapter 16 of the Daunia EIS) assisted the development of the regional social profile.
- BMA conducted a mobile shopfront information program to engage with the broader community. More than 960 people visited BMA's mobile shopfront information displays, which were held at local events and in locations with a high degree of pedestrian traffic. Seventeen displays were held in the Moranbah, Nebo and Mackay areas. Fact sheets, feedback forms and EIS information was available at each of the displays and staff members were on hand to discuss Project issues and community concerns.
- Three growth newsletters, updating the community on growth plans, were distributed to every home and business in Moranbah (please see Appendix Section P.2, BMA Growth Newsletter, for detail about times and location). An 1800 telephone number was also established to field community questions about the Daunia project and BMA's growth project overall, as was the enquiries@bmacoal.com email address.
- **Service providers and landholders:** In addition to general consultation with the community, BMA attended and conducted one-to-one meetings and telephone interviews with service providers in the Moranbah area and those landholders considered to be directly impacted by the Daunia Mine plans.
- A Community Reference Group was also established to discuss key issues associated with the Daunia Project and any cumulative impacts of growth in the region. The Group met on four occasions to discuss key milestones and gather input on the Project. Members include representatives from the Isaac Regional Council, government service providers, local community and business groups and environmental organisations. Chapter 16 provides details on the community consultation process and outcomes and is cross-referenced in Section 17.1.1.



- **Traditional owners:** The BBKY Traditional Owners have been involved in the Project from its inception. Consultation between BMA and Woorra Consulting (representatives for BBKY) has been ongoing throughout the Project and will continue as the Cultural Heritage Management Plan is developed.
- The cultural heritage field survey of the Project Site was undertaken over a period of 14 days between May and August 2008. The field team consisted of an average of five members: four Traditional Owner representatives from Woorra Consulting Pty Ltd, and the project archaeologist, Elizabeth Hatte of Northern Archaeological Consultancies Pty Ltd.

Ongoing engagement with Traditional Owners:

BMA's Indigenous relations program, which encompasses Native Title and cultural heritage, is managed at a local level by mine site Environmental Departments.

All BMA sites have a Cultural Heritage Management Plan (CHMP) to ensure BMA complies strictly with the duty of care required by the relevant Acts. As part of each CHMP, Traditional Owner groups are engaged to undertake cultural heritage surveys, mitigation, clearances and awareness training sessions.

A number of BMA sites also engage with these groups to undertake biodiversity (offset) management projects, develop education and heritage centres, and other specific programs relating to conservation of culturally significant artefacts and areas.

Regular meetings are conducted between BMA sites and Traditional Owners to ensure the agreements in CHMPs are fulfilled and satisfactory. As part of our Indigenous Land User Agreement at Blackwater Mine, Indigenous people are engaged as trainees, both onsite and offsite.

Site operations engagement policies going forward

It is a requirement of the BHP Billiton Community Standard that all sites, once operational, must have in place a Community Relations Program, and that plan must identify stakeholders, engagement strategies, community challenges and opportunities, and priority areas of focus for BMA support.

In Moranbah, BMA has a community reference group that assists with ongoing social monitoring and the identification of priority areas of focus for funding and support.

Dania Mine would also have in place a sponsorship and donation program to further support our host communities.

Q.3.2 Social Baseline Information

While the SIA studies and extensive consultation activities showed no indication that the Project would disproportionately impact any vulnerable groups in the community, BMA notes the request for additional information on these groups in the EIS.

Information included in the SIA was provided to:

- present an overall understanding of the affected community's existing demographic characteristics, as well as to
- identify groups that may be adversely impacted by the Project.



Given that the Project focuses on a new mine in a purpose-built mining town, and that the bulk of the workforce would be accommodated in a village in Coppabella, the studies and extensive consultation process did not indicate that the Daunia Mine would adversely impact any vulnerable community group.

Working collaboratively to support vulnerable groups

On a regional scale for the Bowen Basin, there are likely to be groups in resource communities that are affected by the cumulative impacts of mining activity, rather than by Daunia as a stand-alone Project.

BMA will continue to contribute information and forecasts as appropriate, to assist government in appropriately allocating resources and funds.

To this end, BMA is working with local and state governments and industry to forecast for, and mitigate against, cumulative impacts on vulnerable groups in the community.

BMA has representatives nominated for the **State Government's Bowen Basin Sustainable Resource Communities Leadership Group**, allowing the organisation to continue to update agencies about planned growth, and any potential impacts on the community. It is hoped BMA's involvement in this group will also assist in sharing mitigation responsibilities across government and industry.

BMA also participates in government and inter-agency steering groups across our host communities to ensure BMA is up to date on issues impacting on vulnerable groups. Involvement in these steering groups helps the Community Investment team to identify programs that are most in need of funding or resources, to better support the needs of vulnerable groups.

BMA is also updating its community investment strategy to ensure that the organisation's community investment is well targeted to address the key short, medium and long term needs of our host communities. This strategy is being updated by BMA's **Community Investment Manager**, in partnership with the community and government. The strategy will address cumulative impacts of growth and will provide a framework for identifying priority projects.

BMA is also represented on the Board of the Queensland Resources Council (QRC), and sits on the Council's Social Policy Working Group and Indigenous Affairs Committee.

Through its involvement in the QRC's Indigenous Affairs Committee, BMA is part of an industry-wide effort to increase Indigenous employment in the resources sector (QRC and State Government memorandum of understanding).

As an industry member, BMA is involved in the QRC advocates on a number of **regional planning** fronts, including the **Northern Bowen Basin, Mackay, Whitsunday and Central Queensland** regions.

More directly, BMA works with **Directors and Planning Managers from the Department of Infrastructure and Planning**, to advocate needs on behalf of the Bowen Basin and Central Queensland communities.

While it is not considered that the Daunia Project itself would negatively impact on vulnerable groups in the community, BMA has, and will continue to, undertake activities to help mitigate against cumulative impacts on these community members:

Women

The overall general population in the study area is male dominant, a trend that continues throughout all age groups in the study area. The high proportion of males begins to decrease slowly until the retirement age of 65 years. Between the 2001 and 2006 Census there was a large decrease in the male population aged 45 to 49 years (from 5.0% to 3.9%) and 50 to 55 years (4.8 to 3.4%).

In terms of employment, BMA is committed to workforce diversity. The engagement of women is identified as an opportunity for the organisation. BMA has engaged a dedicated Senior Advisor Women's Employment, to develop strategies and workforce flexibility options to increase BMA's representation of women and other underrepresented groups such as Indigenous and disabled workers.

Elderly

The largest age group represented are those aged 25 to 29 years (5.6%). The average age of the population is 35. The proportion of those aged over 65 decreases dramatically leaving very few older people in the community of either gender. This would be attributed to the number of people who leave the area for retirement.

BMA plays an advocacy role in helping the community obtain vital government services, many of which will better support the elderly across the region.

BMA, through its monthly meeting with the Isaac Regional Council, is also aware of and supports the development of sites in the Moranbah region that are being considered to cater for seniors.

Children

The SIA identified that the Daunia Project was not likely to attract significant numbers of families with children to the region.

However, BMA supports and funds a number of initiatives across the Bowen Basin, aimed at providing improved facilities for youth in the region.

A key category of BMA's Community Partnerships Program (CPP) is youth and recreation, as well as youth arts and cultural development programs (see Appendix P, BMA's CPP Fact Sheet, for more information).

BMA currently helps fund three youth workers across the Bowen Basin in Moranbah, Dysart and Blackwater. To ensure continued support for youth in the Bowen Basin, BMA has just renewed this funding agreement with the Queensland Government's Department of Communities.

BMA is also currently pursuing the development of additional recreational facilities for our communities to support youth. In Moranbah, this commitment includes funding a business case and feasibility study for the redevelopment of the Greg Cruickshank Aquatic Centre through BMA's Landmark Projects Program. In Dysart, BMA has invested over \$2 million towards the development of a multipurpose sports facility. Our organisation will also fund a sport and recreational business development manager to ensure the ongoing sustainability of the Dysart multipurpose sports facility.

BMA also invests around \$925,000 per annum in its Skills for Growth Strategy, which supports apprenticeships and scholarships for primary and secondary school students, as well as work experience options.



BMA actively supports skills and training opportunities for young people in the region, and invested \$90,000 in establishing the Mining Industry Skills Centre, which is linked to the Moranbah High School.

BMA sponsors the Queensland Minerals and Energy Academy (QMEA), which enables Bowen Basin students to access a broad range of minerals and energy-related learning and career opportunities in the skilled-operator, trades and professional areas.

Other Skills for Growth initiatives for students include a Cadetship program and an Engineering Extension Program.

In addition, BMA actively engages with local schools and has implemented initiatives like 'Adopt a Teacher', to provide students and teachers with practical, real work projects, and mentoring support.

BMA corporate and individual BMA operational sites also support tertiary scholarships for school leavers, and partner with Bowen Basin schools on a range of other projects including recycling, greenhouse and leadership programs.

Indigenous

The mining industry surrounding Moranbah has brought about proactive recruitment programs for Indigenous candidates. A small growth in the Indigenous community over time suggests that these strategies and genuine employment opportunities have been encouraged. At the 2001 Census there were 125 Indigenous community members in the study area, of which 31 were male aged over 18, and 29 were female.

BMA has a good working relationship with Indigenous groups associated with the Daunia project. As BMA grows, so too does the need for cultural heritage studies, for which we engage the local Traditional Owners. There is only a small pool of specialists to carry out this work, and rather than BMA drawing from these resources to employ Indigenous personnel at BMA mine sites, feedback from the Traditional Owners indicates that they would rather BMA keep them employed through cultural heritage studies, which supports their individual business growth, rather than employing them directly at BMA mine sites.

A formalised engagement strategy focused on training, education and business development opportunities for Indigenous people is in its formative stages of development at BMA.

BMA also has representation of the **Queensland Resource Council's Indigenous Affairs Committee**, to better advocate the needs of Indigenous communities across the Bowen Basin.

Q.3.3 Table 17.1.2.2 Ethnicity

Indigenous Employed Population of Belyando Shire. (NB: there is not specific data available for Moranbah). The table below shows that there were only 12 Indigenous people in Belyando Shire who were unemployed at the 2006 Census.

| | <i>Employed(a)</i> | <i>Unemployed</i> | <i>Total labour force</i> | <i>Not in the labour force</i> | <i>Labour force status not stated</i> | <i>Total</i> |
|-------------------|--------------------|-------------------|---------------------------|--------------------------------|---------------------------------------|--------------|
| MALES | | | | | | |
| 15-24 years | 15 | 0 | 15 | 4 | 6 | 25 |
| 25-34 years | 13 | 3 | 16 | 0 | 0 | 16 |
| 35-44 years | 9 | 3 | 12 | 0 | 0 | 12 |
| 45-54 years | 10 | 3 | 13 | 0 | 0 | 13 |
| 55-64 years | 5 | 0 | 5 | 0 | 0 | 5 |
| 65 years and over | 0 | 0 | 0 | 3 | 0 | 3 |
| Total | 52 | 9 | 61 | 7 | 6 | 74 |
| FEMALES | | | | | | |
| 15-24 years | 8 | 3 | 11 | 12 | 0 | 23 |
| 25-34 years | 9 | 0 | 9 | 4 | 0 | 13 |
| 35-44 years | 5 | 0 | 5 | 0 | 0 | 5 |
| 45-54 years | 5 | 0 | 5 | 3 | 0 | 8 |
| 55-64 years | 0 | 0 | 0 | 3 | 0 | 3 |
| 65 years and over | 0 | 0 | 0 | 3 | 0 | 3 |
| Total | 27 | 3 | 30 | 25 | 0 | 55 |
| PERSONS | | | | | | |
| 15-24 years | 23 | 3 | 26 | 16 | 6 | 48 |
| 25-34 years | 22 | 3 | 25 | 4 | 0 | 29 |
| 35-44 years | 14 | 3 | 17 | 0 | 0 | 17 |
| 45-54 years | 15 | 3 | 18 | 3 | 0 | 21 |
| 55-64 years | 5 | 0 | 5 | 3 | 0 | 8 |
| 65 years and over | 0 | 0 | 0 | 6 | 0 | 6 |
| Total | 79 | 12 | 91 | 32 | 6 | 129 |

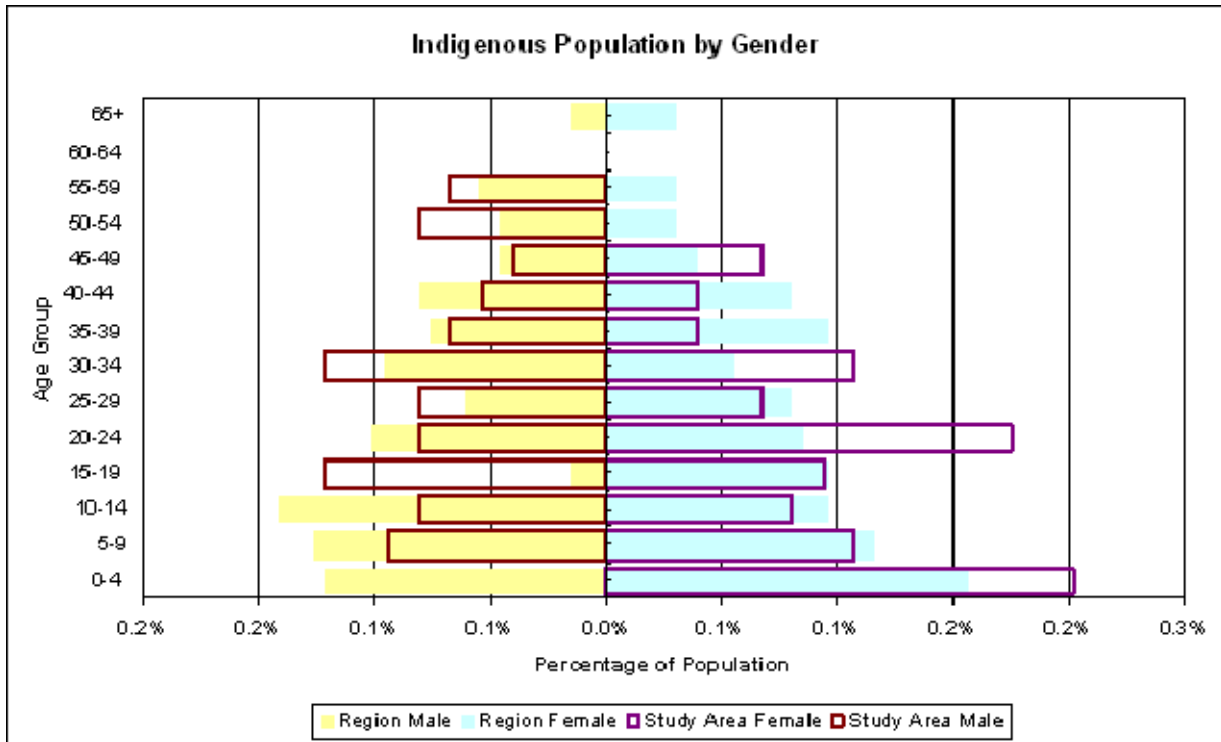
The Indigenous Community (aged 15 years and over) who are employed in the Belyando Shire, are primarily working in the following industries:

| | <i>Indigenous</i> | | |
|--|-------------------|----------------|----------------|
| | <i>Males</i> | <i>Females</i> | <i>Persons</i> |
| Agriculture, forestry & fishing | 5 | 4 | 9 |
| Mining | 27 | 5 | 32 |
| Manufacturing | 3 | 0 | 3 |
| Electricity, gas, water & waste services | 0 | 0 | 0 |
| Construction | 7 | 0 | 7 |

The Indigenous population of Belyando, in which the study area is located, recorded 61.2% (79 people) of the indigenous population (aged over 15 Years) as employed. Of those 79 people there were 32 identified as working over 35 hours in the mining industry. The next most common industry of occupation was Agriculture in which just 11.4% of the working Indigenous population worked over 35 hours per week.

The population pyramid below highlights the Indigenous population for the Region (Belyando, Broadsound and Nebo shire) and Study Area (Moranbah as a State Suburb).

At the 2006 Census, the Indigenous population in the study area was 139 persons or 1.9% of the total population. In the region, 2.1% of the population identified themselves as Indigenous compared to 3.3% in the state. In the study area the Indigenous population was made up of 66 males and 73 females. There were a number of Indigenous children in the community, with 36 females were aged 19 years or under and 22 males. There were 44 males and 37 females aged 20 to 60 years. A comparison between the study area and regional Indigenous population is shown below.



Source: ABS Census Data 2006

The mining industry surrounding Moranbah has brought about proactive recruitment programs for Indigenous candidates. A small growth in the Indigenous community over time suggests that these strategies and genuine employment opportunities have been encouraged.

BMA's studies have not overlooked Indigenous unemployment figures in the region, but rather have not been able to access specific data relating to this.

There is the potential for a small increase in the Indigenous community in the study area and region during construction and operation.

The limited access to specific Indigenous health, education and employment services in the study area may discourage some Indigenous community members from entering the community, however discussions with general community and service providers indicate that the existing facilities adequately service the existing Indigenous community members, and will integrate any future increase in Indigenous residents.

On a regional social level for the Bowen Basin there are likely to be vulnerable and under-employed groups within the population who would benefit from skills training and other employment and education opportunities.

However, consultation with the community and service providers did not highlight any concerns on this issue, relating to the Daunia-project specifically.



BMA's approach to identifying opportunities for Indigenous groups:

- BMA considers employment opportunities for all groups in the community, including Indigenous groups, which is outlined within this SIA.
- BMA also has policies in place to encourage contractor organisations that are employed by BMA for Mine Management and Construction, to also reflect these fair and inclusive recruitment practices.

BMA has a good working relationship with Indigenous groups associated with the Daunia project. As BMA grows, so too does the need for cultural heritage studies, for which we engage the local Traditional Owners. Feedback from these groups indicates that rather than drawing from their pool of cultural heritage specialists to resource BMA's workforce, they prefer that BMA continues to engage the group through cultural heritage studies, and other revegetation and environmental management works, to continue to support their own independent business growth.

A formalised engagement strategy focused on training, education and business development opportunities for Indigenous people is in its formative stages of development at BMA.

BMA also has representation of the **Queensland Resource Council's Indigenous Affairs Committee**, to better advocate for the needs of Indigenous communities across the Bowen Basin. Through its involvement in the QRC's Indigenous Affairs Committee, BMA is part of an industry-wide effort to increase Indigenous employment in the resources sector (QRC and State Government memorandum of understanding).

The Project offers an opportunity for BMA to further develop its approach to Indigenous training, education and business development and BMA will continue to work in partnership with community service providers to facilitate this in the community.

The Project would also continue to engage Indigenous community members through construction and operation phases of the Daunia Project. Cultural heritage surveys continue to be a key mechanism to engaging with Indigenous representatives. Existing strategies, such as local cultural heritage investments through Goonyella Riverside Mine, Poitrel and South Walker Creek Mines, would also continue.

Q.3.4 Community Infrastructure and Services

The SIA identified a general childcare skills shortage across the community. However, it also indicated that there was a new facility that was currently running well below capacity.

In terms of childcare training opportunities, the local TAFE campus (developed primarily for high school students) and the larger regional TAFE currently provide access to training in childcare services.

As Daunia is a currently proposed as contractor-operating model, with the majority of employees to be accommodated in single person's accommodation on a purpose built site. It is unlikely to impact the provision of child care services in the community.

BMA's approach to addressing immediate childcare priorities

From a cumulative perspective BMA will soon commence the development of a childcare needs analysis to identify priority childcare needs for our Bowen Basin communities, particularly for the Moranbah community



over the next five years. BMA will work in partnership with the Department of Education, Training and the Arts to identify priorities across the following areas:

- Hard infrastructure – upgrades and new facilities for kindergartens, before and after school care and childcare.
- Retrofitting of people's homes to compliance standards in order to increase Family Day Care availability.
- Education, training and skills development for childcare employees, particularly to acquire Group Leader level qualifications - where there is the greatest shortage.
- Affordable accommodation.
- Business skills diagnostics for the not-for-profit sector to assist in building capacity and business acumen.

The childcare needs analysis will help to inform priority areas for utilisation of the \$2 million allocated for childcare infrastructure upgrades in Moranbah from the \$27 million brought forward from the Sustainable Resource Communities Fund.

On a regional social level for the Bowen Basin there are likely to be many industries impacted by a skills shortages resulting from the recent mining boom across the region. BMA will continue to contribute information and forecasts as appropriate, to assist government in appropriately allocating resources and funds.

BMA currently supports the provision of childcare services:

- Support for the Blackwater PCYC Vacation Care centre in the provision of out-of-school hours and vacation childcare options through the *Community Partnerships Program*.
- BMA's Goonyella Riverside Mine also provides funding for a much needed child care trainee at the Simply Sunshine Child Care Centre in Moranbah. Not only does this funding provide a job opportunity for a local person, but also helps to ease pressures on the centre due to skills shortages in the region.
- Broadmeadow Mine is currently developing a childcare support package around education skills and training for childcare centres.
- BMA provides some accommodation for key community services such as medical services and childcare Directors and workers.

Access to affordable housing has been identified as an issue for a range of service providers in the Bowen Basin.

BMA's Housing Manager works closely with local Councils to ensure that BMA provide appropriate accommodation to house their own workforce and to not place additional pressure on housing demand, which has traditionally driven up the costs of housing and rent.

BMA helps to relieve pressure on Local Government budgets by funding special rates and paying for headwork charges, thereby freeing up Government funds for investment in affordable housing.



Q.3.5 Health Facilities and Services

BMA acknowledges that it is the role of government and its agencies to ensure that the community has access to adequate health services, but as the proponent, BMA will continue to contribute information and forecasts as appropriate, to assist government in appropriately allocating resources and funds.

The role of the SIA is to outline the existing provision of services to the area and to determine whether there would be an impact on those services by the Project.

Engaging with health care providers and relevant agencies

Discussions with service providers indicated that the Daunia Project alone was unlikely to impact on access to, and the adequacy of, health care but would add to the cumulative impacts felt across the region, and the broader issues with health care provision around Queensland.

BMA held one-to-one and telephone discussions with health care providers and government agencies to assess health services in the region, and any impacts to these services, from the Daunia Project.

Queensland Health is represented on BMA's Growth Projects Community Reference Group, which meets regularly to discuss the growth projects, and their impacts, in detail.

Government agency representatives, related to tropical health, were also engaged during Daunia site visits.

Current health services

There is a 16 bed hospital in Moranbah. The hospital provides services including: acute nursing care, x-ray and medical imaging, outpatient services and physiotherapy.

Patients who require treatment beyond these services are sent to Townsville or Mackay base hospitals. At the regional level the nearest major hospital is the Mackay Base Hospital which is approximately 200 km from Moranbah. There is also Townsville Hospital which is located approximately 600 km from Moranbah.

The Moranbah hospital is supported by the Royal Flying Doctors Service and the RACQ CQ helicopter in transporting patients to Townsville, Mackay and Rockhampton. BMA is a proud sponsor of the CQ helicopter rescue service. BMA's Blackwater Mine financially supports the Royal Flying Doctors service.

On occasions it may be necessary for one or two staff members, along with associated equipment, to accompany patients during emergency transfers. Road transport staff are also called in to assist in patient transfers.

The hospital also offers a centre for community and child health, social work, a child protection liaison officer, school based youth health, alcohol, tobacco and other drug, speech pathology and community mental health service. There are currently no permanent obstetric or surgical services available at the Moranbah Hospital.

There is a midwifery clinic operated by the hospital however deliveries are normally conducted in Mackay. Antenatal classes have recently commenced to help local families prepare for birth.

Common injuries or emergencies dealt with by the Moranbah Base Hospital include trauma and injury as a result of vehicle accidents and construction injuries, fractures and crush injuries.



Specialist services which are based in Moranbah include a radiography service, occupational therapist and diabetic educator. There are minimal specialists based permanently in Moranbah, so a number of specialists regularly visit the town. These specialists include an obstetrician who visits the hospital once every two months for consultations and procedures, a part-time physiotherapist and a full-time counsellor.

While not attributed to the Daunia Project, consultation with the local community indicated a general concern about the adequacy and availability of health services in the region particularly those with special medical needs.

BMA will continue contributing to the ongoing monitoring of health service demand in the community.

Q.3.6 Ambulance Services

BMA is bound by the Coal Mining Safety and Health Act & Regulation. This requires BMA to have emergency capabilities based on site and a fire standard operating procedure.

With relation to the Daunia Mine, BMA will have a Fire Tender that is fully equipped with fire fighting equipment, foam injection and on board rescue equipment. The site will also be equipped with a Self Contained Breathing Apparatus and other equipment required for vertical rescue, and general rescue and emergency management. A paramedic service will be on site during construction and operation.

BMA also contributes to the capacity of the community to meet demands of emergency situations through resources from their Mine Rescue Teams and other emergency response capability. Additionally, employees are supported to participate as volunteers in local fire services.

BMA also plays an advocacy role in helping the community obtain additional Government services, through the \$100 million Sustainable Resource Communities Partnership Fund including funding for emergency services. BMA is advocating for:

- Upgraded housing for emergency services workers
- New Moranbah and Nebo Emergency Services Centres

BMA is also advocating the need for:

- An upgraded emergency centre at the Moranbah Hospital
- The development of a community services hub in Moranbah, and
- The redevelopment of the Moranbah hospital (in five years).

While acknowledging that the provision of health services is predominately a Government responsibility, BMA currently provides financial support for the provision of a local doctor and dentist across the Bowen Basin in communities of need (Dysart and Blackwater).

Through the Community Partnerships Program (CPP) BMA also funds the Central Queensland Helicopter Rescue Service, helping to provide emergency medical care.



BMA has also engaged with Queensland Health regarding Indigenous health matters and potential BMA sponsored projects for the future. These projects would focus on education and awareness in schools and communities on culturally appropriate approaches to health programs for vulnerable groups.

Q.3.7 Domestic Violence

BMA notes the change of name for the Department and the request for further information on local domestic violence data.

Domestic violence support groups were contacted directly (telephone interviews) to discuss the Daunia project and any additional strain the project might place on these services. It was not considered that the Daunia project alone would place additional strain on these support services.

Acknowledging that stress and alcohol and drugs are often contributors to domestic violence, BMA supports the focus on recreational and relaxation facilities at the Coppabella Accommodation Village. There are a range of recreational facilities and activities on offer to mitigate against a 'drinking culture' - for example, lap pool and tennis court currently being developed, walking and running tracks, 24 hour gym, library, BBQ and social areas, and lots of green space. The wet mess also has restricted hours - opening midday open and last drinks at 9.30pm with a 10pm close. The split of men and women at the Village is as high as 80% men, 20% women, which also creates a living environment focused on mutual respect.

BMA also offers EAP services to its employees, a free and confidential counselling service to support staff during difficult times.

BMA provides funding for the families of those employees who form part of Fly-In-Fly-Out or Drive-In-Drive-Out workforces, by funding children's programs in the Mackay and Sarina communities through the Community Partnerships Program.

BMA participates in government and inter-agency steering groups across our host communities to ensure BMA is up to date on issues impacting on vulnerable groups.

Involvement in these steering groups helps the Community Investment team to identify programs that are most in need of funding or resources, to better support the needs of vulnerable groups. Based on this information, BMA and its operational sites invest funds across a range of activities, including the likes of the Moranbah and District Support Services, which runs a Domestic Violence Awareness week program, and ELAM, which offers emergency accommodation for victims of domestic violence.

Q.3.8 Potential Social Impacts and Mitigation Measures

BMA is updating its community investment strategy to ensure that the organisation's community investment is well targeted to address the key short, medium and long term needs of our host communities. This strategy is being updated by BMA's Community Investment Manager, in partnership with the community and government. The strategy will address cumulative impacts of growth and will provide a framework for identifying priority projects.

The strategy will continue to invest in those community groups, programs or initiatives that are best placed to enhance and protect the social values of the community. Each investment opportunity is carefully evaluated,



and community groups are required to regularly report on the use of funds and flow on benefits to the community (see Appendix P, CPP Fact Sheet and Community Investment Fact Sheet, for further information).

The Community Investment strategy will include a review of our Community Partnerships Program (CPP) investment across priority funding areas, ensuring that our investment represents the needs of our communities. Recommendations and feedback from the CPP review will continue to shape the Community Investment strategy (see Appendix P, the Centre for Social Responsibility in Mining's CPP Review, for further detail).

Listening to the Community

In 2008, BMA commissioned an independent community perception survey across the Bowen Basin, Mackay and Sarina. The survey was conducted by the University of Queensland's Centre for Social Responsibility in Mining and captured feedback from more than 600 residents.

The findings highlighted that BMA's commitment to community engagement and investment activities contributed significantly towards BMA's positive reputation. Three quarters of survey respondents said that BMA had made a positive contribution to their community, mainly through the provision of employment and support for community groups and the local economy.

The survey also found that while 84 percent of respondents living in our communities of interest were generally satisfied with their communities, 'liveability' improvements could be made. Top-line recommendations included:

- Improving entertainment and recreational facilities
- Providing for and attracting more services and businesses, and
- Improving transport and infrastructure.

The survey findings also recommended that an ongoing social monitoring program be established across the region. BMA will use the findings and recommendations from this survey to shape its Community Investment strategy.

BMA will continue to undertake community perception surveys at regular intervals.

In the years ahead BMA will continue to provide opportunities for the community and government to offer feedback and comment on our community investment strategy. The formal and anecdotal input gathered from our host communities helps to shape our investment priorities, building on goodwill, strengthening relationships and, ultimately, helping to build healthy and liveable lifestyles.