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Item	Topic	Action / Response	Date
1	Introduction		
1.1	Apologies		
	Alesha and Tony Lonsdale (Mudgee LALC).		
2	Previous Minutes		
2.1	Confirmation of previous minutes		
	June 2014 Heritage Meeting minutes confirmed by LS.		
2.2	Business arising from previous minutes		
	LS questions the progress of inductions at site, and how long will they last? IF – At this stage they haven't progressed, and when it does I will let the groups know. It will last 3 years.		
3	UCML reports & overview of activities		
3.1	Goulburn River Diversion Remediation Plan Update		
	<i>Discussion of the Goulburn River Diversion remediation plan by Robyn Stoney.</i>		
3.2	Approvals		
	<p><i>Discussion of the proposed modification at Ulan West by Robyn Stoney, including turning of the mains proposed for September 2015.</i></p> <p>Short discussion regarding the ventilation shafts.</p> <p>Short discussion regarding the archaeological report which has been prepared, and supplied to the Heritage group today. The report includes the recording of an additional 22 Aboriginal sites:</p> <ul style="list-style-type: none"> • 13 artefact scatters • 7 isolated finds, and 2 rock shelters with artefacts. • 5 rock shelters with PAD's. <p>Discussion regarding aboriginal consultation report which is out now; please provide feedback by 6 January 2015.</p> <p>RS - we are happy to answer any queries or questions, please feel free to email myself or Ben, and we are around over the Christmas period.</p>		
3.3	Operational Update		
	<p>IF presented an update of the progress of each mine, and discusses the three-week closure and commissioning of the additional North West Sediment Dam Water Treatment Facility that occurred on the 28 October 2014.</p> <p>Short discussion on the six new piezometers. Installation has been slightly delayed by rain.</p> <p>IF presented water monitoring data as graphs.</p>		

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	<p>Short discussion on Attended Noise Monitoring. SS states that monitoring is half completed this week, and the rest is to be completed at a later date.</p> <p>IF provided update on YTD community complaints and environmental incidents</p>		
3.4	Conservation Agreement Update		
	<p>General discussion regarding the progress of the Conservation Agreement by Robyn Stoney.</p> <p>IF notes that one grinding groove has been fenced off, and the other grinding groove is located in an area where it is out of the way and that both of them are secure.</p>		
3.5	Safe Keeping Place		
	<p>IF discusses the possible idea for a safe keeping place. We have already salvaged three grinding grooves. Previously it was agreed that a display cabinet could be used with information to explain the artefacts, with a plaque detailing the Aboriginal significance and the grinding grooves displayed as well.</p> <p>IF calls for any feedback or further ideas.</p> <p>LF – People need to know what not to touch, so it would be helpful to see it in a display case first.</p> <p>IF – The case can be used to increase the knowledge at site and also used to train staff.</p>		
4	Community Investment Update		
	<p><i>General discussion of Ulan Coals community investment contributions in 2014 by Robyn Stoney</i></p> <p>RS –2015 funding ‘rounds’ will be on the internet. Your input to know the needs of the community is appreciated. Please let us know of any projects you aware of that require support that they can be considered for the Community Development Investment program.</p>	Ulan to notify groups when funding rounds are announced (RS)	
5	General Business		
	Work Schedule		
	<p>IF will be in contact early next year regarding the first rockshelter salvage.</p> <p>IF explains the return to the AHIP sites</p> <p>IF explains the survey salvage requirements and getting into the eighteen sites.</p> <p>IF explains that comments on the Draft Ulan West Modification Report are due by 6 January 2015, as previously discussed.</p>		
6	Next Meeting		
	<p>IF proposed meeting dates for next meeting:</p> <ul style="list-style-type: none"> Thursday 11 June 2015 at the Underground #3 offices 		

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	<ul style="list-style-type: none"> Thursday 10 December 2015 - TBA 		
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Meeting Closed 17:07 pm

Recorded LH

Confirmed Minutes distributed to Aboriginal Stakeholders for comment following this meeting, and then to be confirmed at the next meeting.

Information provided

- Ulan West Modification 3 Cultural Heritage Group (on CD and hardcopy).

Responses Received From Aboriginal stakeholders to Draft Report:

From: muronggialinga@hotmail.com
Sent: Sunday, 4 January 2015 5:32 PM
To: Ben.Anderson@glencore.com.au
Subject: RE: Ulan West Modification-Draft Aboriginal Cultural Heritage Assessment

Hi Ben after reading the Aboriginal Cultural Heritage Assessment by Peter Kuskie we at Murong Gialinga agree with it Regards Debbie Foley

From: Ben.Anderson@glencore.com.au
To: lynsyme@bigpond.com; info@warrabinga.com.au; muronggialinga@hotmail.com; mudgeelalc@bigpond.com; warranha@gmail.com; WVWAC@hotmail.com
Date: Mon, 8 Dec 2014 15:50:52 +1100
Subject: FWD: Ulan West Modification-Draft Aboriginal Cultural Heritage Assessment

All,

My apologies if anyone is having trouble downloading the report.
The login details for the file share site are provided below, these are the same details as was sent out on Tuesday last week:

- **Website:** <https://nsw.xstratacoal.com.au/filexfer>
- **File Area :** 40153562
- **Password:** b&c@3b2!_3CNvuWlvB7_41Lh#BY08h!S

In addition, hardcopies of the report will be provided at the meeting this Thursday.

Cheers,
Ben

Ben Anderson
Senior Environment & Approvals Coordinator
Ulan Coal Mines Limited – A Glencore managed company

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WVWAC@hotmail.com

5th January 2015

Ulan Coal Mines Ltd.
Private Mail Bag 3006
Mudgee NSW 2850

Re: Ulan West Mod 2014_DRAFT_Aboriginal Cultural Heritage Report

Wellington Valley Wiradjuri Aboriginal Corporation (WVWAC) would like to thank you for your invitation to provide a response for This Aboriginal Cultural Heritage issue relevant to obligations to protect our Heritage within our Traditional Lands. Wellington Valley Wiradjuri represents fourteen traditional families with identified apical ancestry pre European occupation with our known Traditional Lands. We know our culture, country and continue with our association with our traditional lands.

WVWAC objects to any other non-traditional aboriginal organizations or people taking part in site surveys, consultation and assessments within our defined Traditional Lands. These non-traditional people and groups are outsiders under Traditional Lore and have no right to advise on or to be present during consultation or site visits as they do not possess the specific traditional knowledge in relation to these lands or sites. These participants may be indigenous and may live locally within the region however, this still does not give them the right to disregard Traditional Lore and values.

Wellington Valley Wiradjuri Aboriginal Corporation is supportive of any efforts to provide facilities and business for the community at large within our Traditional Lands, provided Proponents have consulted with WVWAC and negotiated an agreed outcome in relation to our cultural, heritage and environmental concerns. WVWAC would like to acknowledge and thank Glencore – Ulan Coal Mines for meeting with the our Elders/WVWAC Directors to discuss the current projects and keeping our representatives up to date for the various project sites and in the process have listened to our Cultural Heritage and environmental concerns.

In response to the Ulan West Mod 2014_DRAFT_Aboriginal Cultural Heritage Report, **WVWAC agree** with the **Potential Mitigation and Management Strategies** on page 98 to page 104 of the report.

In response to the Ulan West Mod 2014_DRAFT_Aboriginal Cultural Heritage Report, **WVWAC agree** with the **Recommendations** on page 105 to page 107 of the report. WVWAC would also like to recommend the following:

1

- Trial of mitigation techniques in regards to digging around rock shelters with Moderate to High Cultural Heritage Significance in a location where there is very low cultural heritage or significance to test this strategy and minimise environmental disturbance around the heritage sites and evaluate the outcome.

- 2
 - Looking at the cost benefit of the mitigation techniques which may or may not be successful and offsetting this by investing in various RAP projects such as Cultural Heritage Centres or Cultural Heritage Education Programs.
- 3
 - WVVAC would prefer that no disturbance to Cultural Heritage sites of the environment within the mining lease however we know that is unavoidable and ask that where possible new technology and salvage methods be used to protect significant Cultural Heritage sites such as Ochre Quarries, Rock Art and Shelters.

WVVAC does not object to our details being given to OEH, however WVVAC do not wish you to advise any other organization of our interest to this project. WVVAC look forward to further participating in the above project, sharing our knowledge of country and to ensure our Heritage is protected.

We trust our response meets your requirements. Please contact WVVAC Directors should you require our assistance to address any Aboriginal issues to support your future plans.

Yours sincerely,



Bradley R. Bliss J.P.
WVVAC Director
0427321016

From: MUDGEE LOCAL ABORIGINAL LAND COUNCIL [<mailto:mudgeelalc@bigpond.com>]
Sent: Wednesday, 28 January 2015 12:27 PM
To: Flood, Ian (Ulan - Coal)
Subject: Ulan Coal Mines Limited - Ulan West Modification - Aboriginal Cultural Heritage Assessment
Importance: High

Hi Ian,

The Mudgee LALC has reviewed the Ulan Coal Mines Limited - Ulan West Modification - Aboriginal Cultural Heritage Assessment draft as provided at the last meeting in 2014.

Consultation occurred with staff, members and directors however with the Christmas break there were delays in getting feedback.

There were no major issues of concern raised during this process and those involved gave positive feedback that they found the document to be clear, comprehensive and informative.

The document was tabled at our recent Board meeting and the Board approved to support its contents and advise you accordingly.

On behalf of the Mudgee LALC I would like to thank you for giving us the opportunity to provide feedback on the draft and we look forward to working together in the future.

If you require any further information please let me know.

Regards
Tony Lonsdale
A/G CEO

From: Aleshia Lonsdale [<mailto:tirikee1@hotmail.com>]
Sent: Wednesday, 28 January 2015 12:06 PM
To: Flood, Ian (Ulan - Coal)
Subject: re: Ulan West Modification - Aboriginal Cultural Heritage Assessment

Hi Ian,
I'm writing on behalf of myself and Warranha Ngumbaay to advise you that after review of the Ulan West Modification - Aboriginal Cultural Heritage Assessment we have no major concerns and are happy to support its contents.
Regards
Aleshia Lonsdale

APPENDIX 6.

**ASSESSMENT OF SIGNIFICANCE,
POTENTIAL IMPACTS AND
APPROPRIATE MANAGEMENT STRATEGIES
FOR ALL ABORIGINAL SITES OF
RELEVANCE TO THE
PROPOSED MODIFICATION⁷**

⁷ Consistent with Appendix 4 of Kuskie (2009) and Appendix 2 of the UCML HMP and intended as an update to Appendix 2 of the HMP post-modification approval.

Notes:

- ❑ Table includes all 315 identified Aboriginal sites/PADs within the area of relevance to the proposed modification, including within areas outside of the existing approved UCCO Project Area, along with several additional sites outside of the proposed modification and UCCO Project subsidence impact areas recorded during the modification survey (for completeness)⁸;
- ❑ Following approval of the proposed modification, the entries for each Aboriginal site in this Appendix within the revised approved UCCO Project Area are intended to replace (or in the case of new sites, be added to) current entries in Appendix 2 of the HMP⁹;
- ❑ Significance assessment and criteria - refer to Section 9 of Kuskie (2009) and Section 7 of this report for discussion.

Green Shading = low significance

Yellow Shading = low-moderate or moderate significance

Red Shading = moderate-high or high significance

- ❑ Potential impacts - Refers to the nature of potential impacts prior to the implementation of the recommended management strategy (ie. after implementation of the management strategy, the level of proposed impacts may be reduced for some sites). Refer to Section 11 of Kuskie (2009) and Section 9 of this report for discussion;

Green Shading = no impacts proposed

Yellow Shading = partial impacts proposed

Red Shading = total impacts proposed or probable

- ❑ Potential *subsidence impacts* of proposed modification compared to approved UCCO Project¹⁰:

Ulan ID	Site Name	Where the proposed modification results in a material increase in impacts (only includes changes that transfer a site from below to above the 10% threshold of perceptible impacts) the Ulan ID and Site Name boxes are shaded pink.
Ulan ID	Site Name	Where the proposed modification results in a material decrease in impacts (only includes changes that transfer a site from above to below the 10% threshold of perceptible impacts) the Ulan ID and Site Name boxes are shaded green.

⁸ Refer to approved HMP Appendix 2 for all other identified Aboriginal sites within the Aboriginal heritage study area/potential impact area as known at the time of the UCCO Project application and subsequent updates during the course of heritage actions under the HMP. Open artefact sites (nil subsidence impacts) excluded from table apart from new sites recorded during the present survey and/or sites for which the potential surface impacts may change.

⁹ Noting that the HMP and Appendix 2 will require revision should this proposed modification be approved and that these revisions will need to be implemented and approved in accordance with Section 6 of the HMP and the Conditions of any approval for the modification, prior to any impacts occurring (unless such impacts are already approved under the existing UCCO Project Approval and HMP).

¹⁰ Sites for which the proposed modification alters the probability of perceptible impacts but not above or below the 10% threshold are not shaded (however the Potential Impacts column has been updated).

- Potential *surface impacts* of proposed modification compared to approved UCCO Project:

Ulan ID	Site Name	Where the proposed modification results in a material increase in potential surface impacts the Ulan ID and Site Name boxes are cross-hatched pink.
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Ulan ID	Site Name	Where the proposed modification results in a material decrease in potential surface impacts the Ulan ID and Site Name boxes are cross-hatched green.
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- Appropriate management strategy and rationale - refer to Sections 12 and 13 of Kuskie (2009) and Section 10 of this report for discussion.

Green Shading = *no action/unmitigated impact*

Yellow Shading = *further action (eg. investigation/mitigation) or protective measures potentially required to ensure impacts avoided*

Red Shading = *further action (investigation/mitigation/conservation)required*

- "BBCA" in "Appropriate management strategy" column means the site will be conserved in the Brokenback Conservation Area and therefore the potential subsidence impacts reduced to 10% or less probability of perceptible impacts (refer to Section 12 and Table 12.6 of Kuskie 2009).
- *Action taken* - a compliance check-list to be progressively updated as the UCCO Project progresses, identifying actions that have been taken in relation to the listed sites.

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
80	ID# 80, S16	rockshelter with artefacts	moderate - possibly high	small to moderate habitable floor area and PAD; modest range of evidence; moderate to possibly high research potential; part of Old Ulan site complex	subsidence 0% risk	no action required	no impacts	
106	ID# 106, S28	rockshelter with artefacts	moderate - potentially high	moderate habitable floor area and PAD; moderate depth of deposit; relatively broad range of artefact evidence; moderate-high research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
109	ID# 109, S31	rockshelter with artefacts	possibly moderate - high	moderate to large habitable floor area and PAD; possibly moderate to high research potential	subsidence 0% risk	no action required	no impacts	
110	ID# 110, S32	rockshelter with artefacts	possibly moderate - high	moderate to large habitable floor area and PAD; possibly moderate to high research potential	subsidence 0% risk	no action required	no impacts	
111	ID# 111, S33	rockshelter with artefacts	possibly moderate - high	moderate to large habitable floor area and PAD; possibly moderate to high research potential	subsidence 0% risk	no action required	no impacts	
112	ID# 112, S34	rockshelter with artefacts	moderate	moderate habitable floor area and PAD; moderate depth of deposit; moderate range of artefact evidence; moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
113	ID# 113, S35	rockshelter with artefacts	low	small habitable floor area and PAD; low research potential	subsidence 70% risk	no action required	low significance	
114	ID# 114, S36	rockshelter with artefacts	low	small habitable floor area and PAD; low research potential	subsidence 70% risk	no action required	low significance	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
115	ID# 115, S37	rockshelter with artefacts	low - moderate	moderate habitable floor area but small PAD; moderate depth of deposit; moderate range of artefact evidence; moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
161	CC19	rockshelter with art and artefacts	high	moderate to large habitable floor area and PAD; deep deposit; high research potential; complex - artefacts and art present; partly low integrity; part of ID# 161-162-1574 cluster	subsidence 70% risk	monitor; include within rock shelter test excavation sample, with salvage collection and excavation, and other culturally appropriate mitigation and offsetting measures as agreed with the Aboriginal stakeholders	evaluate subsidence predictions and identify impacts; mitigate impacts for cluster of Cockabutta sites of high scientific and cultural significance	
162	CC20	rockshelter with artefacts	high	large habitable floor area and PAD; deep deposit; high research potential; complex - artefacts and art present; high integrity; part of ID# 161-162-1574 cluster	subsidence 70% risk	monitor; include within rock shelter test excavation sample, with salvage collection and excavation, and other culturally appropriate mitigation and offsetting measures as agreed with the Aboriginal stakeholders	evaluate subsidence predictions and identify impacts; mitigate impacts for cluster of Cockabutta sites of high scientific and cultural significance	
188	MC31	rockshelter with grinding grooves and artefacts	possibly moderate	relatively small habitable floor area and PAD; but low internal roof height; deep deposit; complex - grooves present	subsidence 50% risk	re-record when property access available; monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	not recording during present survey; evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
189	BB2	rockshelter with art and artefacts	low	small habitable floor area and PAD; shallow deposit; complex - art and artefacts, but art of low integrity; low research potential	subsidence 20% risk	no action required	low significance	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
190	BB3	rockshelter with art and grinding grooves and artefacts	high	moderate habitable floor area and PAD; moderate depth of deposit; high research potential; complex - grooves and art present; broad range of artefact evidence; one uncommon item	subsidence 20% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
191	BB4	rockshelter with artefacts	high	large habitable floor area and PAD; deep deposit; moderate to high research potential; potential historical associations	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
192	BB5	rockshelter with artefacts	moderate - possibly high	moderate to large habitable floor area but smaller PAD; deep deposit; high research potential; partly low integrity	subsidence 70% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts
193	BB6	rockshelter with artefacts	moderate - possibly high	moderate to large habitable floor area and PAD, but relatively shallow deposit; broad range of artefact evidence; moderate research potential	subsidence 70% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts
194	BB7	rockshelter with art	high	moderate to large habitable floor area and PAD; deep deposit; high research potential; potential historical associations; complex - art present	subsidence 70% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts
195	BB8	rockshelter with artefacts	high	moderate to large habitable floor area and PAD; deep deposit; high research potential	subsidence 70% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
196	BB9	rockshelter with artefacts	high	very large habitable floor area and PAD, but relatively shallow deposit; broad range of artefact evidence; several uncommon types; high research potential	subsidence 70% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts
197	BB10	rockshelter with art and artefacts	high	moderate to large habitable floor area and PAD; relatively deep deposit; broad range of artefact evidence; several uncommon types; high research potential; complex - art present	subsidence 70% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts
198	BB11	rockshelter with grinding grooves and artefacts	moderate	moderate habitable floor area and PAD; deep deposit; broad range of artefact evidence; moderate research potential; complex - grooves present	subsidence 0% risk	no action required (BBCA)	no impacts	conserved within BBCA, nil impacts
271	BB1	rockshelter with artefacts	moderate - high	moderate to large habitable floor area and PAD; deep deposit; moderate to high research potential	subsidence 50% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
284	CC21	rockshelter with artefacts	high	small to moderate habitable floor area and PAD; probably deep deposit; high integrity; moderate range of artefact evidence; several less common types; high research potential; part of CC21-28-29 cluster in large pagodas	subsidence 70% risk	monitor; include within rock shelter test excavation sample, with salvage collection and excavation, and other culturally appropriate mitigation and offsetting measures as agreed with the Aboriginal stakeholders	evaluate subsidence predictions and identify impacts; mitigate impacts for cluster of Cockabutta sites of high scientific and cultural significance	
331	BB14/A	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 5% risk	no action required	low significance, low potential for impacts	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
333	BB14/C	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low internal roof height; low research potential	subsidence 0% risk	no action required	low significance, no impacts	
334	BB14/D	rockshelter with artefacts	low - moderate	relatively small habitable floor area and PAD; moderate depth of deposit; low to moderate research potential	subsidence 0% risk	no action required	no impacts	
335	BB14/E	rockshelter with artefacts	moderate - high	moderate habitable floor area and PAD; deep deposit; moderate-high research potential	subsidence 0% risk	no action required	no impacts	
336	BB14/F	rockshelter with artefacts	low - moderate	small to moderate habitable floor area and PAD; moderate research potential	subsidence 5% risk	no action required	low potential for impacts	
399	MC33/A	rockshelter with pad	low	small habitable floor area and PAD; relatively shallow depth of deposit; low research potential	subsidence 0% risk	no action required	low significance, no impacts	
439	OCE65/A	rockshelter with artefacts	low	small habitable floor area and PAD; moderate depth of deposit; low internal roof height; low research potential	subsidence 5% risk	no action required	low significance	
462	MC39/A	rockshelter with grinding grooves	low - possibly moderate	small habitable floor area and PAD; shallow depth of deposit; low research potential; complex - grooves present	subsidence 0% risk; linear or small-scale high-level	no action required reassess in relation to detailed design of surface infrastructure, ensure impacts avoided	low significance, no impacts; discrete site of some significance, probably feasible to avoid impacts	
463	MC40/A	rockshelter with pad	low	small habitable floor area and PAD; low internal roof height; relatively shallow depth of deposit; low research potential	subsidence 0% risk	no action required	low significance, no impacts	
464	MC40/B	rockshelter with pad	low	small habitable floor area and PAD; relatively shallow depth of deposit; low research potential	subsidence 0% risk	no action required	low significance, no impacts	
465	MC40/C	rockshelter with pad	low	small habitable floor area and PAD; relatively shallow depth of deposit; low research potential	subsidence 0% risk	no action required	low significance, no impacts	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
466	MC40/D	rockshelter with pad	low	small habitable floor area and PAD; low internal roof height; moderate depth of deposit; low research potential	subsidence 0% risk	no action required	low significance, no impacts	
487	BB14	rockshelter with artefacts	high	large habitable floor area and PAD; deep deposit; high research potential; one less common type	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
488	Scar Tree	scarred tree	uncertain	not recorded due to property access constraints	low-level continuing land use; subsidence <1% risk	record in detail once access available; ensure impacts avoided; no action required	no direct impacts planned; not recorded due to property access constraints; virtually no risk of subsidence impacts	
602	MC114	artefact scatter	low	common; low potential	low-level continuing land use	no action required	no direct impacts planned	
606	MC118	artefact scatter	low	common; low potential, but modest range	low-level continuing land use	no action required	no direct impacts planned	
634	MC146	artefact scatter	low	common; low potential	low-level continuing land use	no action required	no direct impacts planned	
635	MC147	isolated find	low	common; low potential	low-level continuing land use	no action required	no direct impacts planned	
800	MC312	artefact scatter	low - possibly moderate	common; limited range of evidence; but moderate potential	low-level continuing land use	no action required	no direct impacts planned	
804	MC316	artefact scatter	moderate - high	uncommon (lithic procurement)	low-level continuing land use	no action required	no direct impacts planned	
806	MC318	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 10% risk	no action required	low significance, low potential for impacts	
807	MC319	ochre quarry	high	uncommon	low-level continuing land use; subsidence 10% risk	no action required; ensure all impacts avoided monitor;	no direct impacts planned evaluate subsidence predictions for this site type	
808	BB15	rockshelter with artefacts	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
809	MC320	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
810	MC321	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
811	MC322	rockshelter with pad	low	relatively small habitable floor area and PAD; shallow depth of deposit; low internal roof height; low research potential	subsidence 20% risk	no action required	low significance	
812	MC323	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
813	MC324	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low internal roof height; low research potential	subsidence 20% risk	no action required	low significance	
814	MC325	rockshelter with pad	moderate	moderate to large habitable floor area and PAD; shallow depth of deposit; low to moderate research potential	subsidence 20% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
815	MC326	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
816	MC327	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
817	MC328	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
820	MC331	scarred tree	potentially moderate	not common; but Aboriginal origin uncertain	low-level continuing land use; subsidence <1% risk	ensure impacts avoided; no action required	no direct impacts planned; virtually no risk of subsidence impacts	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
822	MC333	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 5% risk	no action required	low significance, low potential for impacts	
824	MC335	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
825	MC336	rockshelter with pad	low - possibly moderate	moderate habitable floor area and PAD; moderate depth of deposit; low to possibly moderate research potential	subsidence 20% risk; linear or small-scale high-level	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation reassess in relation to detailed design of surface infrastructure, ensure impacts avoided	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area discrete site of some significance, probably feasible to avoid impacts	
826	MC337	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low internal roof height; low research potential	subsidence 20% risk; linear or small-scale high-level	no action required reassess in relation to detailed design of surface infrastructure, avoid impacts if feasible	low significance discrete site of low significance, probably feasible to avoid impacts	
827	MC338	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 5% risk linear or small-scale high-level	no action required reassess in relation to detailed design of surface infrastructure, avoid impacts if feasible	low significance, low potential for impacts discrete site of low significance, probably feasible to avoid impacts	
828	MC339	rockshelter with pad	low	small PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
829	MC340	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
830	MC341	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
831	BB16	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
832	MC343	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 0% risk	no action required	low significance, no impacts	
833	BB17	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
834	BB18	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
835	BB19	rockshelter with pad	low	relatively small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
839	BB23	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
840	BB24	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
841	BB25	rockshelter with pad	low	moderate habitable floor area but small PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
842	BB26	rockshelter with pad	low	moderate habitable floor and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
843	BB27	rockshelter with pad	moderate	moderate habitable floor area and PAD; deep deposit; moderate research potential	subsidence 50% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
844	BB28	rockshelter with pad	low	relatively small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	

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847	BB31	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
848	BB32	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
849	BB33	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
850	BB34	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
851	BB35	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
852	BB36	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
853	BB37	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
854	BB38	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	
855	BB39	rockshelter with pad	low - moderate	small to moderate habitable floor area and PAD; moderate deposit; possibly moderate research potential	subsidence 50% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
856	BB40	rockshelter with pad	low	small habitable floor area and PAD; deep deposit; low research potential	subsidence 50% risk	no action required	low significance	
859	BB43	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 0% risk	no action required	low significance	

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860	BB44	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
861	BB45	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
862	BB46	rockshelter with pad	moderate - possibly high	moderate habitable floor area and PAD; deep deposit; moderate to high research potential; possible historical associations	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
863	BB47	rockshelter with pad	low	moderate habitable floor area and small to moderate PAD; shallow depth of deposit; low research potential	subsidence 30% risk	no action required	low significance	
864	BB48	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
865	BB49	rockshelter with pad	low	small habitable floor area and PAD; deep deposit; low research potential	subsidence 50% risk	no action required	low significance	
866	BB50	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
867	BB51	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
868	BB52	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
869	BB53	rockshelter with artefacts	low	small habitable floor area and PAD; shallow depth of deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
870	BB54	rockshelter with pad	low	relatively small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
871	BB55	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
872	BB56	rockshelter with pad	low	relatively small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
873	BB57	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
874	BB58	rockshelter with pad	low	moderate habitable floor area but small PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
878	BB62	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
879	BB63	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
880	BB64	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
881	BB65	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
882	BB66	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
883	BB67	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	

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884	BB68	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
889	BB73	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
890	BB74	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
891	BB75	rockshelter with pad	low	relatively small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
892	BB76	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
895	BB79	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
897	BB81	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk (0% after BBCA)	no action required (BBCA)	low significance	conserved within BBCA, nil impacts
898	BB82	rockshelter with artefacts	low - moderate	moderate habitable floor area but smaller PAD; relatively shallow deposit; possibly moderate research potential	subsidence 70% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts
899	BB83	rockshelter with pad	low	small habitable floor area and PAD; relatively shallow depth of deposit; low research potential	subsidence 70% risk (0% after BBCA)	no action required (BBCA)	low significance	conserved within BBCA, nil impacts
901	BB85	rockshelter with artefacts	moderate - possibly high	large habitable floor area and moderate PAD; moderate depth of deposit; moderate to high research potential	subsidence 70% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts

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902	BB86	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low internal roof height; low research potential	subsidence 70% risk (0% after BBCA)	no action required (BBCA)	low significance	conserved within BBCA, nil impacts
905	BB89	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk (10% after BBCA)	no action required (BBCA)	low significance	conserved within BBCA, nil impacts
906	BB90	rockshelter with pad	moderate - possibly high	moderate to large habitable floor area and PAD; moderate depth of deposit; moderate to high research potential	subsidence 70% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts
907	BB91	rockshelter with pad	high	very large habitable floor area and PAD; deep deposit; high research potential	subsidence 70% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts
908	BB92	rockshelter with artefacts	high	very large habitable floor area and PAD; moderate depth of deposit; high research potential	subsidence 70% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts
909	BB93	rockshelter with pad	low	relatively small habitable floor area and PAD; moderate depth of deposit; low internal roof height; low research potential	subsidence 70% risk (0% after BBCA)	no action required (BBCA)	low significance	conserved within BBCA, nil impacts
910	BB94	rockshelter with artefacts	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk (0% after BBCA)	no action required (BBCA)	low significance	conserved within BBCA, nil impacts
911	BB95	rockshelter with pad	low - moderate	moderate habitable floor area and PAD, but sloping floor; deep deposit; possibly moderate research potential	subsidence 70% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts

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912	BB96	rockshelter with pad	low	relatively small habitable floor area and PAD; deep deposit; relatively low research potential	subsidence 70% risk (0% after BBCA)	no action required (BBCA)	low significance	conserved within BBCA, nil impacts
913	BB97	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 70% risk (0% after BBCA)	no action required (BBCA)	low significance	conserved within BBCA, nil impacts
914	BB98	rockshelter with pad	low	moderate habitable floor area but small PAD; shallow depth of deposit; low research potential	subsidence 70% risk (0% after BBCA)	no action required (BBCA)	low significance	conserved within BBCA, nil impacts
916	BB100	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk (0% after BBCA)	no action required (BBCA)	low significance	conserved within BBCA, nil impacts
917	BB101	rockshelter with grinding grooves	moderate	moderate habitable floor area but small PAD; shallow to moderate depth of deposit; low to moderate research potential; complex - grooves present, but integrity moderate to low	subsidence 70% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts
919	BB103	rockshelter with pad	low	relatively small habitable floor area and PAD; moderate depth of deposit; low internal roof height; relatively low research potential	subsidence 50% risk	no action required	low significance	
920	BB104	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
922	BB106	rockshelter with pad	low	relatively small habitable floor area and PAD; shallow depth of deposit; low internal roof height; relatively low research potential	subsidence 50% risk	no action required	low significance	
925	BB109	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 0% risk	no action required	no impacts	

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926	BB110	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 0% risk	no action required	no impacts	
935	BB119	rockshelter with artefacts	moderate	small to moderate habitable floor area and PAD; moderate depth of deposit; moderate research potential	subsidence 70% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts
937	BB121	rockshelter with art	moderate - high	moderate to large habitable floor area and PAD; deep deposit; moderate to high research potential; complex - art present, although low integrity	subsidence 0% risk	no action required (BBCA)	no impacts	conserved within BBCA, nil impacts
944	BB128	rockshelter with pad	moderate	moderate to large habitable floor area and PAD; shallow to moderate depth of deposit; moderate research potential	subsidence 20% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts
945	BB129	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 20% risk (0% after BBCA)	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation (BBCA)	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	conserved within BBCA, nil impacts
967	BB151	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
970	BB154	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	
971	BB155	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	

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973	BB157	rockshelter with artefacts	moderate	moderate habitable floor area and PAD; moderate depth of deposit; moderate research potential	subsidence 50% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
974	BB158	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
977	BB161	rockshelter with artefacts	low - possibly moderate	relatively small habitable floor area and PAD; shallow to moderate depth of deposit; one less common artefact type; low to possibly moderate research potential	subsidence 50% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
978	BB162	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
982	BB166	rockshelter with artefacts	low	small habitable floor area and PAD; shallow depth of deposit; low internal roof height; low research potential	subsidence 70% risk	no action required	low significance	
983	BB167	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
984	BB168	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
985	BB169	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
992	BB176	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
993	BB177	rockshelter with pad	low	relatively small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	

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994	BB178	rockshelter with pad	moderate - potentially high	moderate habitable floor area and PAD; moderate depth of deposit; moderate to high research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
995	BB179	rockshelter with pad	moderate - potentially high	moderate habitable floor area and PAD; deep deposit; moderate to high research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
996	BB180	rockshelter with pad	low	large shelter but relatively small habitable floor area and PAD; shallow depth of deposit; integrity potentially low; low research potential	subsidence 70% risk	no action required	low significance	
997	BB181	rockshelter with pad	low	relatively small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
998	BB182	rockshelter with pad	low - possibly moderate	moderate habitable floor area but relatively small PAD; deep deposit; low to possibly moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
999	BB183	rockshelter with artefacts	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1001	BB185	rockshelter with pad	low	small to moderate habitable floor area but small PAD; moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	

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1002	BB186	rockshelter with pad	moderate	moderate to large habitable floor area and PAD, but sloping floor; moderate depth of deposit; moderate research potential	subsidence 50% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1003	BB187	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
1004	BB188	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
1013	UC35	rockshelter with artefacts	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
1014	UC36	rockshelter with artefacts	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
1017	UC39	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 10% risk	no action required	low significance, low potential for impacts	
1018	UC40	rockshelter with artefacts	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
1020	UC42	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	
1021	UC43	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	

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1022	UC44	rockshelter with artefacts	low - possibly moderate	small habitable floor area and PAD; moderate deposit; low to possibly moderate research potential	subsidence 50% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1028	UC50	rockshelter with artefacts	low	relatively small habitable floor area and PAD; moderate depth of deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	
1029	UC51	rockshelter with artefacts	low	small habitable floor area and PAD; deep deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	
1031	UC53	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
1032	UC54	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
1033	UC55	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
1034	UC56	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
1035	UC57	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
1036	UC58	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	
1050	UC72	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
1051	UC73	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low internal roof height; low research potential	subsidence 70% risk	no action required	low significance	
1052	UC74	rockshelter with pad	low - possibly moderate	small to moderate habitable floor area and PAD; shallow depth of deposit; low to possibly moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1054	UC76	rockshelter with art and artefacts	moderate	moderate habitable floor area but smaller PAD; shallow depth of deposit; moderate research potential; complex - art present, less common type, but moderate to low integrity	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1059	UC81	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
1060	UC82	rockshelter with pad	low - possibly moderate	moderate habitable floor area and PAD; shallow to moderate deposit, but sloping floor; low to possibly moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1061	UC83	rockshelter with pad	low - possibly moderate	moderate habitable floor area and PAD; shallow to moderate deposit; low to possibly moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1062	UC84	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low internal roof height; low research potential	subsidence 70% risk	no action required	low significance	

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1063	UC85	rockshelter with artefacts	low - possibly moderate	moderate to large habitable floor area and moderate PAD; shallow to moderate deposit; low to possibly moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1082	UC104	scarred tree	potentially moderate	not common; but Aboriginal origin uncertain	low-level continuing land use; subsidence 0% risk	ensure impacts avoided; no action required	no direct impacts planned; no risk of subsidence impacts	
1089	UC111	rockshelter with artefacts	moderate - possibly high	moderate to large habitable floor area and PAD; deep deposit; probably associated with adjacent Echidna Sill site complex; moderate range of artefact evidence; moderate to high research potential	subsidence 20% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1106	UC128	rockshelter with artefacts	low	moderate habitable floor area but small PAD; shallow depth of deposit; relatively low research potential	subsidence 70% risk	no action required	low significance	
1107	UC129	rockshelter with artefacts	low	moderate habitable floor area but small PAD; shallow depth of deposit; relatively low research potential	subsidence 70% risk	no action required	low significance	
1108	UC130	rockshelter with artefacts	low	small habitable floor area and PAD; sloping floor; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1109	UC131	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1110	UC132	rockshelter with artefacts	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1111	UC133	rockshelter with artefacts	low	moderate habitable floor area and PAD; deep deposit; low research potential	subsidence 70% risk	no action required	low significance	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
1112	UC134	rockshelter with artefacts	low - moderate	moderate to large habitable floor area and PAD; shallow depth of deposit; moderate range of artefact evidence; possibly moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1113	UC135	rockshelter with artefacts	low - moderate	moderate to large shelter but small to moderate PAD; shallow to moderate depth of deposit; possibly moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1134	UC156	rockshelter with artefacts	moderate - high	moderate to large habitable floor area and PAD; moderate depth of deposit; possibly associated with nearby Echidna Sill site complex; moderate range of artefact evidence; moderate to high research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1135	UC157	rockshelter with artefacts	low	relatively small habitable floor area and PAD; deep deposit; relatively low research potential	subsidence 70% risk	no action required	low significance	
1136	UC158	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1145	UC167	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1146	UC168	rockshelter with artefacts	moderate - potentially high	moderate to large habitable floor area and PAD; shallow depth of deposit; possibly associated with nearby Echidna Sill site complex; moderate to possibly high research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	

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1147	UC169	rockshelter with artefacts	low - moderate	moderate to large habitable floor area but relatively small PAD; shallow depth of deposit; moderate range of artefact evidence; possibly moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1148	UC170	rockshelter with artefacts	moderate	moderate habitable floor area but smaller PAD; moderate depth of deposit; possibly associated with nearby Echidna Sill site complex; one less common artefact type; moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1149	UC171	rockshelter with art	moderate - high	moderate to large habitable floor area and PAD; deep deposit; possibly associated with nearby Echidna Sill site complex; complex - art present; moderate to high research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1151	UC173	rockshelter with pad	moderate	moderate habitable floor area and PAD; moderate depth of deposit; moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1152	UC174	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1153	UC175	rockshelter with artefacts	low - moderate	moderate habitable floor area but small to moderate PAD; shallow depth of deposit; possibly moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	

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1154	UC176	rockshelter with artefacts	moderate	moderate habitable floor area and small to moderate PAD; deep deposit; moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1155	UC177	rockshelter with artefacts	moderate	moderate habitable floor area and PAD; moderate depth of deposit; moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1156	UC178	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1157	UC179	rockshelter with pad	low - possibly moderate	small to moderate habitable floor area and PAD; moderate depth of deposit; low to possibly moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1158	UC180	rockshelter with pad	low - possibly moderate	small to moderate habitable floor area and PAD; relatively shallow depth of deposit; low to possibly moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1159	UC181	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
1160	UC182	rockshelter with pad	low	relatively small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	

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1161	UC183	grinding grooves	low	low potential; not of particular representative value, although not common	low-level continuing land use; subsidence 70% risk	ensure impacts avoided; monitor; establish conservation offset	potentially no direct impacts planned; identify if impacts occur, low significance, establish ID# 1074-1076 conservation offset	
1164	UC186	rockshelter with artefacts	low	relatively small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1165	UC187	rockshelter with artefacts	moderate	moderate to large habitable floor area and moderate PAD; shallow depth of deposit; broad range of artefact evidence; moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1166	UC188	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1167	UC188	rockshelter with pad	low	relatively small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1168	UC189	rockshelter with pad	low	small habitable floor area and PAD; deep deposit; low research potential	subsidence 50% risk	no action required	low significance	
1175	BB196	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
1176	BB197	rockshelter with pad	low	small to moderate habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
1180	BB201	rockshelter with artefacts	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	

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1182	BB203	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
1183	BB204	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	
1192	CC21	rockshelter with pad	low	moderate habitable floor area and PAD; deep deposit; low internal roof height; low research potential	subsidence 5% risk	no action required	low significance, low potential for impacts	
1194	BB213	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	
1195	BB214	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	
1196	BB215	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	
1197	BB216	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	
1198	BB217	rockshelter with pad	low	small habitable floor area and PAD; relatively shallow depth of deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	
1199	BB218	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	
1200	BB219	rockshelter with pad	low	small habitable floor area and PAD; low internal roof height; low research potential	subsidence 50% risk	no action required	low significance	

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1201	BB220	isolated find	low	common; low potential	low-level continuing land use	no action required	no direct impacts planned	
1204	UC194	artefact scatter	low	common; low potential	low-level continuing land use	no action required	no direct impacts planned	
1210	UC199	grinding grooves	low	low potential; not of particular representative value, although not common	low-level continuing land use; subsidence 70% risk	ensure impacts avoided; monitor; establish conservation offset	potentially no direct impacts planned; identify if impacts occur, low significance, establish ID# 1074-1076 conservation offset	
1211	UC200	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
1214	UC203	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 30% risk	no action required	low significance	
1215	UC204	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
1217	UC206	rockshelter with artefacts	low	relatively small habitable floor area and smaller PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
1218	UC207	rockshelter with artefacts	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1219	UC208	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1220	UC209	rockshelter with pad	low - possibly moderate	small to moderate habitable floor area and PAD; shallow depth of deposit; low to possibly moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	

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1221	UC210	rockshelter with pad	low	small to moderate habitable floor area but small PAD; moderate depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1222	UC211	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1229	UC218	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1230	UC219	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1231	UC220	rockshelter with pad	low	relatively small habitable floor area and PAD; deep deposit; low research potential	subsidence 70% risk	no action required	low significance	
1232	UC221	rockshelter with pad	low	moderate to large habitable floor area but small PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1233	UC222	rockshelter with pad	low	small habitable floor area and PAD; relatively shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1234	UC223	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1235	UC224	rockshelter with artefacts	moderate	moderate to large habitable floor area and moderate PAD; shallow depth of deposit; moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1237	UC226	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	

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1238	UC227	rockshelter with pad	low	relatively small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1241	UC230	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
1242	UC231	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
1251	UC240	rockshelter with pad	moderate	moderate to large habitable floor area and moderate PAD; moderate depth of deposit; low to moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1252	UC241	rockshelter with pad	low	relatively small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
1257	UC246	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 50% risk	no action required	low significance	
1258	UC247	rockshelter with pad	low	relatively small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1260	UC249	rockshelter with artefacts	low	relatively small habitable floor area and minimal PAD; low research potential	subsidence 70% risk	no action required	low significance	
1261	UC250	rockshelter with pad	moderate	moderate to large habitable floor area and PAD; shallow depth of deposit; moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1262	UC251	rockshelter with pad	low	small habitable floor area and PAD; deep deposit; low research potential	subsidence 70% risk	no action required	low significance	

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1263	UC252	rockshelter with pad	moderate	moderate habitable floor area and PAD; moderate depth of deposit; moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1264	UC253	rockshelter with artefacts	low	small habitable floor area and PAD; shallow depth of deposit; one less common artefact type; low research potential	subsidence 70% risk	no action required	low significance	
1265	UC254	rockshelter with artefacts	low	moderate habitable floor area but small PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1266	UC255	rockshelter with artefacts	moderate - high	moderate to large habitable floor area and PAD; deep deposit; one less common artefact type; moderate to high research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1267	UC255	rockshelter with artefacts	high	large habitable floor area and PAD; deep deposit; broad range of artefact evidence; high research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1268	UC256	rockshelter with pad	low	relatively small habitable floor area and PAD; deep deposit; low research potential	subsidence 70% risk	no action required	low significance	
1278	UC266	rockshelter with artefacts	low	relatively small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 10% risk	no action required	low significance, low potential for impacts	
1286	UC274	stone arrangement	high - local	representative value; possibly associated with adjacent artefact scatter and rock shelters	low-level continuing land use; subsidence 20% risk	record in detail; ensure impacts avoided; monitor	not fully recorded during survey; high significance, but no direct impacts planned; problematic to mitigate impacts	

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1288	UC276	rockshelter with pad	low	small habitable floor area and PAD; deep deposit; low internal roof height; possibly associated with adjacent artefact scatter, rock shelters and stone arrangement; low research potential	subsidence 70% risk	no action required	low significance	
1289	UC277	rockshelter with artefacts	low - possibly moderate	small habitable floor area and PAD; deep deposit; possibly associated with adjacent artefact scatter, rock shelters and stone arrangement; low to possibly moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1290	UC278	rockshelter with artefacts	low - moderate	small habitable floor area and PAD; relatively shallow depth of deposit; possibly associated with adjacent artefact scatter, rock shelters and stone arrangement; broad range of artefact evidence; low to moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1291	UC279	rockshelter with pad	low	relatively small habitable floor area and PAD, narrow; deep deposit; possibly associated with adjacent artefact scatter, rock shelters and stone arrangement; low research potential	subsidence 70% risk	no action required	low significance	
1292	UC280	rockshelter with pad	low	small habitable floor area and PAD; deep deposit; low internal roof height; low research potential	subsidence 70% risk	no action required	low significance	
1294	UC282	rockshelter with pad	low	small habitable floor area and PAD; low internal roof height; low integrity; low research potential	subsidence 5% risk	no action required	low potential for impacts	
1296	UC284	rockshelter with pad	low	small habitable floor area and PAD; low research potential	subsidence 0% risk	no action required	no impacts	

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1297	UC285	rockshelter with pad	low	relatively small PAD; low research potential	subsidence 0% risk	no action required	no impacts	
1298	UC286	rockshelter with pad	low	small habitable floor area and PAD; low internal roof height; low research potential	subsidence 0% risk	no action required	no impacts	
1301	UC289	rockshelter with artefacts	low	relatively small habitable floor area and PAD; moderate depth of deposit; low internal roof height; relatively low research potential	subsidence <2% risk	no action required	low significance, low potential for impacts	
1302	UC290	rockshelter with artefacts	low	relatively small habitable floor area and PAD; deep deposit; relatively low research potential	subsidence <2% risk	no action required	low significance, low potential for impacts	
1304	UC292	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low internal roof height; low research potential	subsidence <2% risk	no action required	low significance, low potential for impacts	
1305	UC293	scarred tree	potentially moderate	not common; but Aboriginal origin uncertain	low-level continuing land use; subsidence <1% risk	ensure impacts avoided; no action required	no direct impacts planned; virtually no risk of subsidence impacts	
1312	UC300	rockshelter with artefacts	low	relatively small habitable floor area and PAD; shallow to moderate depth of deposit; low internal roof height; low research potential	subsidence <2% risk	no action required	low significance, low potential for impacts	
1342	UC330	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence <2% risk	no action required	low significance, low potential for impacts	
1346	UC334	rockshelter with pad	low	relatively small habitable floor area and PAD; moderate depth of deposit; relatively low research potential	subsidence 5% risk	no action required	low significance, low potential for impacts	
1347	UC335	rockshelter with pad	low	small habitable floor area and PAD; deep deposit; low internal roof height; low research potential	subsidence 5% risk	no action required	low significance, low potential for impacts	

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1348	UC336	rockshelter with artefacts	low	relatively small habitable floor area and PAD; shallow depth of deposit; relatively low research potential	subsidence 70% risk	no action required	low significance	
1349	UC337	rockshelter with pad	low	small habitable floor area and PAD; deep deposit; low internal roof height; low research potential	subsidence 40% risk	no action required	low significance	subsidence risk reduced from 70% to 40% July 2013 Lw1-6 change
1350	UC338	rockshelter with pad	low	relatively small habitable floor area and PAD; shallow depth of deposit; relatively low research potential	subsidence 5% risk	no action required	low significance, low potential for impacts	
1351	UC339	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 5% risk	no action required	low significance, low potential for impacts	
1352	UC340	rockshelter with artefacts	low - possibly moderate	small to moderate habitable floor area and PAD; moderate depth of deposit; low to possibly moderate research potential	subsidence 5% risk	no action required	low to possibly moderate significance, low potential for impacts	
1353	UC341	rockshelter with artefacts	moderate	moderate to large habitable floor area and PAD; moderate depth of deposit; moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1354	UC342	rockshelter with pad	low - possibly moderate	moderate habitable floor area and PAD; deep deposit; low internal roof height; low to possibly moderate research potential	subsidence 70% risk	monitor; consider as part of rock shelter test excavation sample, with potential salvage collection and excavation	evaluate subsidence predictions and identify impacts; adequately assess significance, mitigate probable impacts for representative sample across project area	
1355	UC343	rockshelter with pad	low	small habitable floor area and PAD; moderate depth of deposit; low research potential	subsidence 5% risk	no action required	low significance, low potential for impacts	
1356	UC344	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 5% risk	no action required	low significance, low potential for impacts	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
1357	UC345	rockshelter with artefacts	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1358	UC346	rockshelter with pad	low	relatively small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 70% risk	no action required	low significance	
1363	UC351	rockshelter with pad	low - possibly moderate	moderate habitable floor area and PAD; moderate depth of deposit; low internal roof height; low to moderate research potential	subsidence 5% risk	no action required	low to possibly moderate significance, low potential for impacts	
1364	UC352	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 0% risk	no action required	low significance, no impacts	
1365	UC353	rockshelter with pad	low	small habitable floor area and PAD; deep deposit; low research potential	subsidence 0% risk	no action required	low significance, no impacts	
1366	UC354	rockshelter with pad	low	moderate habitable floor area and PAD; low internal roof height; sloping floor; low research potential	subsidence 0% risk	no action required	low significance, no impacts	
1367	UC355	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 0% risk	no action required	low significance, no impacts	
1368	UC356	rockshelter with pad	low - possibly moderate	small to moderate habitable floor area and PAD; low internal roof height; low to possibly moderate research potential	subsidence 0% risk	no action required	no impacts	
1369	UC357	rockshelter with pad	low	relatively small PAD; difficult access; low research potential	subsidence 0% risk	no action required	low significance, no impacts	
1370	UC358	rockshelter with pad	low	relatively small habitable floor area and PAD; sloping floor; low research potential	subsidence 0% risk	no action required	low significance, no impacts	
1371	UC359	rockshelter with pad	moderate	moderate habitable floor area and PAD; moderate depth of deposit; moderate research potential	subsidence 0% risk	no action required	no impacts	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
1372	UC360	rockshelter with pad	low	relatively small PAD; low research potential	subsidence 0% risk	no action required	no impacts	
1373	UC361	rockshelter with artefacts	low - moderate	relatively large habitable floor area and PAD; low to moderate research potential	subsidence 0% risk	no action required	no impacts	
1374	UC362	rockshelter with pad	moderate	relatively large habitable floor area and PAD; moderate research potential	subsidence 0% risk	no action required	no impacts	
1398	BB224	rockshelter with pad	low	small habitable floor area and PAD; shallow depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
1399	BB225	rockshelter with pad	low	small habitable floor area and PAD; shallow to moderate depth of deposit; low research potential	subsidence 20% risk	no action required	low significance	
1401	UC387	rockshelter with pad	low - possibly moderate	moderate habitable floor area and small to moderate PAD; shallow to moderate depth of deposit; low to possibly moderate research potential	subsidence 10% risk	no action required	low to possibly moderate significance, low potential for impacts	
1402	UC386	rockshelter with pad	low	small habitable floor area and PAD; deep deposit; low internal roof height; low research potential	subsidence 10% risk	no action required	low significance, low potential for impacts	
1574	CC24	rockshelter with pad	low	small habitable floor area and PAD; low research potential; part of ID# 161-162-1574 cluster	subsidence 70% risk	no action required	low significance	
1575	CC25	rockshelter with artefacts	low	small habitable floor area and PAD; low internal roof height; low research potential	subsidence 70% risk	no action required	low significance	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
	CC28	rockshelter with artefacts	moderate	small to moderate habitable floor area and PAD; probably deep deposit; high research potential; part of CC21-28-29 cluster in large pagodas	subsidence 70% risk	monitor; include within rock shelter test excavation sample, with salvage collection and excavation, and other culturally appropriate mitigation and offsetting measures as agreed with the Aboriginal stakeholders	evaluate subsidence predictions and identify impacts; mitigate impacts for cluster of Cockabutta sites of high scientific and cultural significance	
	CC29	rockshelter with pad	low	small habitable floor area and PAD; low research potential; part of CC21-28-29 cluster in large pagodas	subsidence 70% risk	no action required	low significance	
	CC45	rockshelter with pad	low - possibly moderate	small habitable floor area and PAD; low to possibly moderate research potential; different/less common context	subsidence 0% risk linear or small-scale high-level	no action required reassess in relation to detailed design of surface infrastructure, ensure impacts avoided	no impacts discrete site of some significance, probably feasible to avoid impacts	
	CC46	rockshelter with pad	low	small PAD; low internal roof height; low research potential	subsidence 0% risk linear or small-scale high-level	no action required reassess in relation to detailed design of surface infrastructure, avoid impacts if feasible	low significance, no impacts discrete site, probably feasible to avoid impacts	
	CC47	rockshelter with pad	low	small PAD; low research potential	subsidence 0% risk	no action required	low significance, no impacts	

Newly identified open artefact sites recorded during present survey and other previously recorded open artefact sites that were not included in the current HMP Appendix 2 (as they were outside of either the potential impact area and/or the approved UCCO Project Area) but are to be added post-modification approval to the HMP Appendix 2 as they would be within the new approved Project Area and potential subsidence impact zone (notwithstanding nil impacts anticipated from subsidence) or potential surface impact zone.¹¹

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
444	OCE80/A	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling) are to occur	no direct impacts planned; low significance	
1070	UC92	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling) are to occur	no direct impacts planned; low significance	
1081	UC103	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling) are to occur	no direct impacts planned; low significance	
1086	UC108	isolated find	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling) are to occur	no direct impacts planned; low significance	
1203	UC193	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling) are to occur	no direct impacts planned; low significance	
1205	UC195	isolated find	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling) are to occur	no direct impacts planned; low significance	
1279	UC267	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling) are to occur	no direct impacts planned; low significance	
1281	UC269	isolated find	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling) are to occur	no direct impacts planned; low significance	
1284	UC272	isolated find	low	common; low potential; low integrity	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling) are to occur	no direct impacts planned; low significance	

¹¹ Sites within the subsidence impact zone are included in the previous table.

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
1321	UC309	artefact scatter	moderate	modest range and extent; high potential	low-level continuing land use	no action required; surface collection and possibly test/salvage excavation if future impacts (eg. drilling) cannot be avoided	no direct impacts planned; moderate significance, further investigate and mitigate impacts	
1322	UC310	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling) are to occur	no direct impacts planned; low significance	
1328	UC316	artefact scatter	moderate - high	part of Old Ulan site complex; modest range; high potential; potential historical associations	low-level continuing land use	ensure impacts avoided; surface collection and test or salvage excavation if future impacts (eg. drilling) cannot be avoided	no direct impacts planned; moderate significance, further investigate and mitigate impacts	
1359	UC347	artefact scatter	low	common; low to possibly moderate potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling) are to occur	no direct impacts planned; low significance	
1474	UC442	isolated find	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	surveyed May 2011 for 40m mine plan change gap; no further action required
1475	UC443	isolated find	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	surveyed May 2011 for 40m mine plan change gap; no further action required
1490	BB232	isolated find	low	common; low potential	low-high level continuing land use (road)	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	identified during survey of roads and collected along Grass Tree Lane May 2011 at request of stakeholders; no further action required
1491	BB233	isolated find	low	common; low potential	low-high level continuing land use (road)	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	identified during survey of roads and collected along Grass Tree Lane May 2011 at request of stakeholders; no further action required
1492	BB234	artefact scatter	low	common; low potential	low-high level continuing land use (road)	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	identified during survey of roads and collected along Grass Tree Lane May 2011 at request of stakeholders; no further action required

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
1506	UC464	isolated find	low	common; low potential; low integrity	low-high level continuing land use (road)	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	identified during survey of roads and collected along Trig Road June 2011 at request of stakeholders; no further action required
1514	UC472	artefact scatter	moderate - high	modest range and extent; high potential	low-high level continuing land use (road)	surface collection if future impacts (eg. drilling, road works) are to occur	mitigate impacts	identified during survey of roads and collected along Old Ulan Road June 2011; no further action required
1515	UC473	artefact scatter	moderate	modest range; high potential	low-high level continuing land use (road)	surface collection if future impacts (eg. drilling, road works) cannot be avoided	moderate significance, mitigate impacts	identified during survey of roads and collected along Old Ulan Road June 2011; no further action required
1516	UC474	artefact scatter	low - moderate	moderate potential; limited range of evidence	low-high level continuing land use (road)	surface collection if future impacts (eg. drilling, road works) cannot be avoided	low to moderate significance, mitigate impacts	identified during survey of roads and collected along Old Ulan Road June 2011; no further action required
1522	UC480	artefact scatter	low	common; low potential	low-high level continuing land use (road)	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	located during survey/ salvage of southern part of Old Ulan Road, February 2012 and collected at request of stakeholders; no further action required
1573	CC23	isolated find	low	less common type; but isolated, low potential	low-level continuing land use	no action required; surface collection if future impacts (eg. drilling, road works) cannot be avoided	no direct impacts planned; low significance but less common type, mitigate impacts	
	CC26	isolated find	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
	CC27	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
	CC30	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
	CC31	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
	CC32	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
	CC33	isolated find	low	common; low potential; part of site complex around Cockabutta Creek tributary	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
	CC34	artefact scatter	low	common; low potential; part of site complex around Cockabutta Creek tributary	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
	CC35	artefact scatter	low - possibly moderate	low to possibly moderate potential; one less common type; limited range of evidence; part of site complex around Cockabutta Creek tributary	low-level continuing land use	no action required; surface collection and possibly test/salvage excavation if future impacts (eg. drilling, road works) cannot be avoided	no direct impacts planned; low to possibly moderate significance, less common type, further investigate and mitigate impacts	
	CC36	artefact scatter	low	common; relatively low potential; part of site complex around Cockabutta Creek tributary	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
1576	CC37	artefact scatter	low - moderate	moderate potential; modest range of evidence; broad extent of site; part of site complex around Cockabutta Creek tributary	low-level continuing land use	no action required; surface collection and possibly test/salvage excavation if future impacts (eg. drilling, road works) cannot be avoided	no direct impacts planned; low to moderate significance, further investigate and mitigate impacts	
	CC38	isolated find	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
	CC39	artefact scatter	low	common; low potential; part of site complex around Cockabutta Creek tributary	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
	CC40	artefact scatter	low - possibly moderate	low to possibly moderate potential; several less common types; part of site complex around Cockabutta Creek tributary	low-level continuing land use	no action required; surface collection and possibly test/salvage excavation if future impacts (eg. drilling, road works) cannot be avoided	no direct impacts planned; low to possibly moderate significance, further investigate and mitigate impacts	

Ulan Site ID#	Site Name	Site Type	Significance Assessment	Criteria for Significance Assessment	Potential Impacts	Appropriate Management Strategy	Rationale for Management Strategy	Action Taken
	CC41	artefact scatter	high	high potential; broad range of evidence and extent of site; several less common types; part of site complex around Cockabutta Creek tributary	low-level continuing land use	ensure impacts avoided; record in detail as per s3.7.2 of HMP, surface collection and test or salvage excavation if future small-scale impacts (eg. drilling) cannot be avoided; avoid any large-scale impacts	no direct impacts planned; high significance, site only partially recorded, further investigate and mitigate impacts	
	CC42	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
	CC43	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
	CC44	isolated find	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
	CC48	isolated find	low	common; low potential	low-level continuing land use linear or small-scale high-level	no action required; unmitigated impact	low significance low significance	
	CC49	isolated find	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
	Ulan Drosd Track 1	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
	Ulan Drosd Track 2	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	
	Ulan Drosd Track 3	artefact scatter	low	common; low potential	low-level continuing land use	no action required; unmitigated impact if future impacts (eg. drilling, road works) are to occur	no direct impacts planned; low significance	

Note: Ulan Site ID Number to be attributed to sites outside the current approved UCCO Project Area post-modification approval and subsequent inclusion of those sites within the revised approved Project Area. Aboriginal sites outside the current approved UCCO Project Area but within any subsequently approved revised Project Area will also be added to the UCML Aboriginal Site Database.