

Humberstone and Santa Laura Saltpeter Works

1. World Heritage Property Data

1.1 - Name of World Heritage property

Humberstone and Santa Laura Saltpeter Works

1.2 - World Heritage property details




1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Humberstone and Santa Laura Saltpeter Works	-20.206 / -69.794	573.48	1826.39	2399.87	2005
Total (ha)		573.48	1826.39	2399.87	

Comment

Current Coordinates are: S 20°12'30.67" W 69°47'45.34"

1.4 - Map(s)

Title	Date	Link to source
Map of the inscribed property: Planta General Humberstone y Santa Laura; Scale: 1:25 000	2004	
Humberstone and Santa Laura Saltpeter Works - inscribed minor modification	2011	
Humberstone and Santa Laura Saltpeter Works - Map of the inscribed minor boundary modification	2019	

1.5 - Web and Social Media data of the property (if applicable)

1. [Official web site URL:https://www.museodelsalitre.cl](https://www.museodelsalitre.cl) Facebook: <https://www.facebook.com/museodelsalitre> Youtube: [museodelsalitre](#) Instagram: [@humberstone.cms](#)

2. Other Conventions/Programmes under which the World Heritage property is protected (if applicable)

2.1 - Records indicate that your World Heritage property (in whole or in part) is designated and/or protected under the Conventions/programmes shown in the prefilled table below. Please check and amend as necessary.

		The World Heritage property (in whole or in part) <u>is</u> designated and/or protected under this convention/programme	The World Heritage property (in whole or in part) <u>is not</u> designated and/or protected under this convention/programme
2.1.1	International Register of Cultural Property under Special Protection (1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		×
2.1.2	List of Cultural Property under Enhanced Protection (Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		×
2.1.3	The List of Wetlands of International Importance (The Ramsar List) (Convention on Wetlands of International Importance (Ramsar Convention))		×
2.1.4	World Network of Biosphere Reserves Man and the Biosphere (MAB) Programme		×
2.1.5	Global Geoparks Network UNESCO Global Geoparks		×

2.2 - Please provide comments on 2.1 if necessary

2.3 - Do your national authorities intend to request the granting of Enhanced Protection (if relevant) under the Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict for the World Heritage property in the next three years?

No

2.4 - Do your national authorities intend to designate whole or part of the World Heritage property for inclusion in the List of Wetlands of International Importance (The Ramsar List), if relevant, in the next three years?

No

2.5 - Do your national authorities intend to designate whole or part of the World Heritage property as a Man and Biosphere Reserve (if relevant) in the next three years?

No

2.6 - Do your national authorities intend to apply for whole or part of World Heritage property to be designated as a UNESCO Global Geopark (if relevant) in the next three years?

No

2.7 - Please indicate the level of cooperation at property level between designations under different Conventions/Programmes

2.7.1	1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.2	Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.3	Convention on Wetlands of International Importance (Ramsar Convention)	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.4	Man and the Biosphere (MAB) Programme	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.5	UNESCO Global Geoparks	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	

2.8 - Please add any further comments on cooperation with the other designation(s)/programme(s)

2.9 - Are you aware of any elements associated with the World Heritage property that have been inscribed on the Representative List of the Intangible Cultural Heritage?

Yes

2.10 - Please list any elements associated with the World Heritage property inscribed under the Convention for the Safeguarding of the Intangible Cultural Heritage of which you are aware

Baile Chino

2.11 - Are you aware of any documentary heritage listed under the Memory of the World Programme associated with the World Heritage property?

No

2.12 - Please list any documentary heritage associated with the World Heritage property listed under the Memory of the World Programme of which you are aware.

3. Statement of Outstanding Universal Value

Humberstone and Santa Laura Saltpeter Works

3.1 - Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee

Statement of Outstanding Universal Value

Brief Synthesis

In the remote desert Pampa, one of the driest deserts on earth, thousands of people lived and worked from the first half of the 19th century to process the largest deposit of saltpeter in the world, producing the fertiliser sodium nitrate that was to transform agricultural land in North and South America, and Europe, and produce great wealth for Chile.

Humberstone and Santa Laura works are the best preserved and most representative remains of a series of over 200 saltpeter works that once existed, all of which were interconnected by a specially built modern railway system, and constitute an exceptional testimony to technological progress and global exchanges which were the cornerstone of the industrial era. In this area, workers, drawn from Chile, Peru and Bolivia, to this hostile environment, lived in company towns and forged a distinctive communal Pampinos culture, manifest in their own rich language, creativity, and solidarity, and above all in pioneering struggles for social justice, that had a profound impact generally on social history.

The industrial heritage site was developed from 1872 and until mid 20th century; it is located 45 km. from the port of Iquique in the midst of a desert landscape. The property covers a surface area of 573.48 hectares, with a buffer zone of 1,826.39 hectares that encompasses the two main sites which stand at a distance of approximately 1 km from each other. These complement each other, because the industrial area of Santa Laura is better conserved, while Humberstone has better preserved residential and service areas.

The site of Santa Laura conserves the remains of the industrial installations that were used for saltpeter processing such as industrial installations and equipment, including the only leaching shed and a saltpeter grinder that remain intact today, installations for manufacturing iodine, for energy production and buildings such as the administration house and the main square. The Humberstone site contains the attributes that express the quality of urban settlements, such as the living quarters, public spaces and the regular grid pattern of the Camp, with a main square around which communal buildings are clustered. Other relevant attributes are the remains of the railway line that linked Santa Laura and Humberstone, the gravel heaps, the construction techniques, architectural styles and materials, in particular the *costrón* and the *Pampa* concrete, distinctive construction materials together with the calamine and timber that were brought from other latitudes.

The remains of saltpeter works are also present in the buffer zone which is also significant for the conservation of the characteristics of the natural setting of the Pampa which illustrate the relationship between the built environment and the adaptation to the natural setting.

The two saltpeter works are the most representative remaining vestiges of an industry that transformed the lives of a large proportion of the population of Chile, brought great wealth to the country. The output of the industry, nitrate fertilisers, had indirectly a transforming influence on existing agricultural lands in Europe, and on newly cultivated land in other latitudes and indirectly supported the agricultural revolution of the late 19th century in many parts of the world. The remaining buildings are testimony to the social order and technical processes that drove the industry.

The pioneering social agenda of the saltpeter workers' unions had far-reaching effects on labour laws throughout Chile and further afield. The distinctive culture of the Pampinos that evolved in association with the industry, which expresses the language, the memory of the saltpeter culture and its influence on social process, has resonance amongst the local population today and is another important attribute of the property. The place still has a strong symbolic and evocative association for the people from the Pampa, former workers and their families, who use the place for meetings and commemorations such as Saltpeter Week.

Criterion (ii): The development of the saltpeter industry reflects the combined knowledge, skills, technology, and financial investment of a diverse community of people who were brought together from around South America, and from Europe. The saltpeter industry became a huge cultural exchange complex where ideas were quickly absorbed and exploited. The two works represent this process.

Criterion (iii): The saltpeter mines and their associated company towns developed into an extensive and very distinct urban community with its own language, organisation, customs, and creative expressions, as well as displaying technical entrepreneurship. The two nominated works represent this distinctive culture.

Criterion (iv): The saltpeter mines in the north of Chile together became the largest producers of natural saltpeter in the world, transforming the Pampa and indirectly the agricultural lands that benefited from the fertilisers the works produced. The two works represent this transformation process.

Integrity

The attributes at the nucleus of the complex of the two saltpeter works still reflect the key manufacturing processes and social structures and ways of life of these company towns. As opposed to what occurred in many other saltpeter works, Santa Laura and Humberstone were not fully dismantled when they were no longer functional. However, looting, demolition and lack of conservation and maintenance that occurred until the declaration of the site as a National Monument in 1970 compromised the overall integrity of the two works.

Efforts have been made by the State Party to reverse the conditions that threaten the integrity of the property. Notwithstanding these works, interventions are still needed to ensure that no further erosion of integrity occurs, particularly by addressing the considerable damage that exists at some of the industrial structures in Santa Laura which are still at risk.

The State Party is stressing the multidisciplinary analysis of vulnerability of the materials and the instability of the structures, the assessment of the composition of the materials and their pathologies, the effect of environmental conditions on them, the soil and mechanical actions on structures, so as to identify the best methods of conserving and maintaining them and the use and historic functioning of machinery and buildings.

The buffer zone is an attempt to protect the desert landscape and its relationship with the built environment, as well as the remains from still older saltpeter works and mining camps, including railway lines and roads as well as pedestrian footpaths which give a certain sense to the historic reality of the saltpeter *canton* (complex of several interrelated saltpeter works). However, no formal buffer zone has been established to control and regulate activities that occur in the surroundings to mitigate the visual impacts on the setting derived from contemporary industrial buildings.

Authenticity

The two saltpeter works have remained better conserved than any other saltpeter works in the Pampa of northern Chile and what remains at the site is authentic and original. The relatively few interventions, the lack of additions of architectural elements or constructive materials from outside or which are different from those used originally have helped in maintaining the authenticity of the property.

The authenticity of the site is heightened as a result of its characteristics and its relationship to the landscape which illustrates the occupation of the territory in the saltpeter era and powerfully evokes how the desert was conquered.

The conservation of manifestations of intangible attributes of the saltpeter era also contributes toward the authenticity of the site. Humberstone houses the most important gathering of a commemoration of the industry as a whole: the Saltpeter Week which annually gathers together people from all over the *Pampa*; i.e. former saltpeter workers and their descendants.

However, there are significant challenges for the conservation of the conditions of authenticity, in light of the nature and vulnerability of the materials in the specific environmental conditions, and the identification of interventions which do not compromise these characteristics.

Protection and management requirements

The property is a National Monument in the category of Historic Monument – the maximum level of protection of heritage in this country -. It is administered by a private entity, the Saltpeter Museum Corporation, under the supervision of the National Monuments Council, a state institution responsible for the protection of Chile's cultural heritage. A 2004-2009 Management Plan was produced and now needs to be updated. In addition, the human and financial resources for its sustained implementation will need to be secured and provided to the Corporation.

The formal definition of a buffer zone and the establishment and enforcement of regulatory measures is also an action that needs to be implemented as a crucial measure to protect the desert landscape both geographically as well as in relation to the remains of mining exploration and the transport of the saltpeter in general.

To ensure the conservation of Outstanding Universal Value, authenticity and integrity of the property, the *Priority Interventions Plan* needs to be implemented, including the structural consolidation and the recovery of buildings at risk. Physical conservation must be addressed bearing in mind the effects of the *camanchaca* - dense and frequent mist generated by the Pacific Ocean - and its high saltness, capable of seriously damaging metals, timbers and even stone materials. It is necessary to conceptually reflect on authenticity which opens up a space coherently with replacing those pieces and sections that have irredeemably deteriorated, defining a criteria for change associated with that degradation, in order to maintain them for all time. This must be done in addition to the protection of materials with anti-corrosion treatments.

An essential imperative for the protection, conservation and management of the site is an in-depth knowledge of the techniques, construction systems, and ways of life, exploration systems and the economic conditions at the time. The importance of the technology itself of this exploitation is of great singularity and the complexities of life associated with saltpeter impose a considerable challenge on how it is all interpreted. Also essential is protecting, conserving and managing those artistic elements that are a part of the history of the site whilst it was functioning and being abandoned, such as the "graphic designs" on the walls, and the movable assets.

Comment

Consider an update for the item Protection and Management requirements, because the situation of the site has had a lot of positive changes, including the exit from the List in Danger (2019). The main highlights are: (i) The Management plan was updated twice. The last one is for the period 2021-2025. (ii) The buffer zone is actually protected as "Typical Zone" by the National Monuments Law and it is regulated by its own rule. (iii) The priority intervention plan was completed in 2019.

3.2 - Please list the key attributes of Outstanding Universal Value of your property and give an assessment of their condition. As a guideline, it is suggested to focus on approximately five key attributes (no more than 15 overall).

	Brief identification of attribute	Preserved	Compromised	Seriously compromised	Lost
3.2.1	Shanks Productive System	✗			
3.2.2	Saltpeter canton (territorial System/Urban Organization)	✗			
3.2.3	Urban Design	✗			
3.2.4	Constructive System	✗			
3.2.5	Fabric: Timber, corrugate iron -calaminas-, caliche bricks, plaster wall	✗			
3.2.6	Public Buildings	✗			
3.2.7	Saltpeter Culture (Cultura Pampina)	✗			
3.2.8					
3.2.9					
3.2.10					
3.2.11					
3.2.12					
3.2.13					
3.2.14					
3.2.15					

3.3 - Comments, conclusions and/or recommendations related to Statement of Outstanding Universal Value

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✗ Not relevant
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4.1.2 - Commercial development

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✗ Not relevant
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4.1.3 - Industrial areas

Previous answer Cycle 2 (27/11/2012):

- Not relevant

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕		✕		✕		→	

4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (27/11/2012):

- Not relevant

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive ✕	✕		✕			→	
➖ Negative							

4.1.6 - Please comment as necessary on how the factors selected as relevant in 4.1 are affecting the property either negatively or positively

4.1.3 Industrial area: The urban development of Pozo Almonte city consider an industrial area near to the property boundaries, it could change the image of the desert historically seen. 4.1.5 Interpretative and visitation facilities: the Pulperia restoration as "Interpretation of Saltpeter History Centre" allow to improve the visit experience. There are other buildings dedicated to interpretative facilities that collaborated to the visit experience, but the pulperia is the most important one.

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (27/11/2012):

- Relevant, Positive, Negative, Current, Inside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕		✕				↗

4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (27/11/2012):

- Relevant, Positive, Negative, Current, Inside, Outside

Relevant	✕ Not relevant
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4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.2.6 - Please comment as necessary on how the factors selected as relevant in 4.2 are affecting the property either negatively or positively

About point 4.2.1 Ground transport infrastructure: (i) The change of Route A 16 has been concluded successfully in 2012. So, it is not relevant issue for the current evaluation period. (ii) Negative and actual situation is related with the parking for visitors and tourism (standard and ubication), that should be improved.

4.3. Services Infrastructures

4.3.1 - Water infrastructure

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant











4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (27/11/2012):

- Relevant, Positive, Current, Inside

✕ Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕				
 Negative							

4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.3.4 - Localised utilities

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.3.5 - Major linear utilities

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.3.6 - Please comment as necessary on how the factors selected as relevant in 4.3 are affecting the property either negatively or positively

4.3.2 Renewable energy: the use of solar panels system is a contribution to the energy in the property.

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.4.2 - Ground water pollution

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.4.3 - Surface water pollution

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.4.4 - Air pollution

Previous answer Cycle 2 (27/11/2012):

- Relevant, Negative, Current, Outside

Relevant

✕ Not relevant

4.4.5 - Solid waste

Previous answer Cycle 2 (27/11/2012):

- Relevant, Negative, Current, Outside

Relevant

✕ Not relevant

4.4.6 - Input of excess energy

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.4.7 - Please comment as necessary on how the factors selected as relevant in 4.4 are affecting the property either negatively or positively

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.5.2 - Aquaculture

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.5.3 - Land conversion

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.5.5 - Crop production

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.5.8 - Commercial hunting

Previous answer Cycle 2 (27/11/2012):

- Not relevant

☐ Relevant

☒ Not relevant

4.5.9 - Subsistence hunting

Previous answer Cycle 2 (27/11/2012):

- Not relevant

☐ Relevant

☒ Not relevant

4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (27/11/2012):

- Not relevant

☐ Relevant

☒ Not relevant

4.5.11 - Please comment as necessary on how the factors selected as relevant in 4.5 are affecting the property either negatively or positively

4.6. Physical resource extraction











4.6.1 - Mining

Previous answer Cycle 2 (27/11/2012):

- Relevant, Negative, Current, Outside

☒ Relevant

☐ Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative <input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			

4.6.2 - Quarrying

Previous answer Cycle 2 (27/11/2012):

- Relevant, Negative, Potential, Outside

☐ Relevant

☒ Not relevant

4.6.3 - Oil and gas

Previous answer Cycle 2 (27/11/2012):

- Not relevant

☐ Relevant

☒ Not relevant

4.6.4 - Water (extraction)

Previous answer Cycle 2 (27/11/2012):

- Not relevant

☐ Relevant

☒ Not relevant

4.6.5 - Please comment as necessary on how the factors selected as relevant in 4.6 are affecting the property either negatively or positively

4.6.1 Mining: refers to surrounding works in iodine exploitation and the potential factor refers to the possible use of the protected area in mining explorations.

4.7. Local conditions affecting physical fabric











4.7.1 - Wind

Previous answer Cycle 2 (27/11/2012):

- Relevant, Negative, Current, Outside

☒ Relevant

☐ Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			

4.7.2 - Relative humidity

Previous answer Cycle 2 (27/11/2012):

- Relevant, Negative, Current, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	👁 Inside	👁 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕			✕		→	

4.7.3 - Temperature

Previous answer Cycle 2 (27/11/2012):

- Relevant, Negative, Current, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	👁 Inside	👁 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕			✕		→	

4.7.4 - Radiation/Light

Previous answer Cycle 2 (27/11/2012):

- Relevant, Negative, Current, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	👁 Inside	👁 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕			✕		→	

4.7.5 - Dust

Previous answer Cycle 2 (27/11/2012):

- Relevant, Negative, Current, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	👁 Inside	👁 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕			✕		→	

4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (27/11/2012):

- Not relevant

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	👁 Inside	👁 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕			✕			↗

4.7.7 - Pests

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant				✕ Not relevant			
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4.7.8 - Micro-organisms

Previous answer Cycle 2 (27/11/2012):

- Relevant, Negative, Current, Inside

Relevant	✕ Not relevant
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4.7.9 - Please comment as necessary on how the factors selected as relevant in 4.7 are affecting the property either negatively or positively

4.7.6 According information given for the manager the summer rain ("lluvia altiplánica") is increasing every season generating impacts over the property .

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (27/11/2012):

- Relevant, Positive, Current, Inside

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive ✕	✕		✕			→	
➖ Negative							

4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (27/11/2012):

- Relevant, Positive, Current, Inside

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive ✕	✕		✕			→	
➖ Negative							

4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.8.5 - Identity, social cohesion, changes in local population and community

Previous answer Cycle 2 (27/11/2012):

- Relevant, Positive, Negative, Current, Outside

✕ Relevant	Not relevant
------------	--------------

	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive ✕	✕			✕		→	
➖ Negative ✕	✕			✕		→	











4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (27/11/2012):

- Relevant, Positive, Current, Inside

✕ Relevant	Not relevant
------------	--------------

	Impact	Origin	Trend of impact
--	--------	--------	-----------------

Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕				
 Negative							

4.8.7 - Please comment as necessary on how the factors selected as relevant in 4.8 are affecting the property either negatively or positively

4.8.5 The positive impact is related with the regional and national identity associated to well known and shares values of the historic and social importance of the saltpeter era or pampino culture; meanwhile the negative impact is related with the loss of oral memory, because of the late pampinos dead.

4.9. Other human activities

4.9.1 - Illegal activities

Previous answer Cycle 2 (27/11/2012):

- Relevant, Negative, Potential, Outside

✕ Relevant				Not relevant			
Impact	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕			✕			

4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.9.3 - Military training

Previous answer Cycle 2 (27/11/2012):

- Relevant, Negative, Potential, Outside

Relevant	✕ Not relevant
----------	----------------

4.9.4 - War

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.9.5 - Terrorism

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.9.6 - Civil unrest

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.9.7 - Please comment as necessary on how the factors selected as relevant in 4.9 are affecting the property either negatively or positively

4.9.1.- As it was informed in the SOC Reports the property has have relevants security investments and effective protection of the buffer zone, those measures gives more control over the all property.

4.10. Climate change and severe weather events

4.10.1 - Storms

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.10.2 - Flooding

Previous answer Cycle 2 (27/11/2012):

- Not relevant

☐ Relevant

☒ Not relevant

4.10.3 - Drought

Previous answer Cycle 2 (27/11/2012):

- Not relevant

☐ Relevant

☒ Not relevant

4.10.4 - Desertification

Previous answer Cycle 2 (27/11/2012):

- Not relevant

☐ Relevant

☒ Not relevant

4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (27/11/2012):

- Not relevant

☐ Relevant

☒ Not relevant

4.10.6 - Temperature change

Previous answer Cycle 2 (27/11/2012):

- Not relevant

☐ Relevant

☒ Not relevant











4.10.7 - Other climate change impacts

Previous answer Cycle 2 (27/11/2012):

- Not relevant

☒ Relevant

☐ Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			

4.10.8 - Please comment as necessary on how the factors selected as relevant in 4.10 are affecting the property either negatively or positively

4.10.7 According information given for the Manager of the property the climate change is being visible with the increasing of rainfall due to Summer rain ("llovía altiplánica").

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Previous answer Cycle 2 (27/11/2012):

- Not relevant

☐ Relevant

☒ Not relevant











4.11.2 - Earthquake

Previous answer Cycle 2 (27/11/2012):

- Relevant, Negative, Potential, Outside

☒ Relevant

☐ Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative <input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (27/11/2012):

- Not relevant

☐ Relevant

☒ Not relevant

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (27/11/2012):

- Relevant, Negative, Potential, Inside, Outside

Relevant	✕ Not relevant
----------	----------------

4.11.7 - Please comment as necessary on how the factors selected as relevant in 4.11 are affecting the property either negatively or positively

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (27/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.12.6 - Modified genetic material

Previous answer Cycle 2 (27/11/2012):







- Not relevant






Relevant	✕ Not relevant
----------	----------------

4.12.7 - Please comment as necessary on how the factors selected as relevant in 4.12 are affecting the property either negatively or positively

4.13. Management and institutional factors

4.13.1 - Management system/Management plan

✕ Relevant		Not relevant					
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing

Positive 							
Negative 							

4.13.2 - Legal framework

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
Positive 							
Negative 							

4.13.3 - Governance

Relevant	 Not relevant
----------	--

4.13.4 - Management activities

Previous answer Cycle 2 (27/11/2012):

- Relevant, Positive, Current, Inside

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
Positive 							
Negative 							

4.13.5 - Financial resources

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
Positive 							
Negative 							

4.13.6 - Human resources

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
Positive 							
Negative 							

4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (27/11/2012):

- Relevant, Positive, Current, Inside

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
Positive 							
Negative 							

4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (27/11/2012):

- Relevant, Positive, Current, Potential, Inside

Relevant	 Not relevant
----------	--

4.13.9 - Please comment as necessary on how the factors selected as relevant in 4.13 are affecting the property either negatively or positively

Management tools are developed for the property. Actually, it counts with one "Conservation Plan" and rules for the buffer zone, known as "Intervention Criteria for the typical zone". In the last 2 years the managing measures are successfully control the pandemic situation. 4.13.5.- About financial resources the positive impact is the creation of special funds for the Chilean World Heritage Sites; meanwhile the negative impact is related with decrease of the funds because the tourism clousure
























































4.14. Other factor(s)

4.14.1 - Other factor(s)

4.15. Factors Summary Table

4.15.1 - Factors Summary Table




Name	Impact			Origin		Trend
4.1 Buildings and Development						
4.1.3 Industrial areas						
	⊖		⚠		↻	➡
4.1.5 Interpretative and visitation facilities	⊕	⚠		⦿		➡
4.2 Transportation Infrastructure						
4.2.1 Ground transport infrastructure						
	⊖	⚠		⦿		↗
4.3 Services Infrastructures						
4.3.2 Renewable energy facilities	⊕	⚠		⦿		↗
4.6 Physical resource extraction						
4.6.1 Mining						
	⊖		⚠		↻	➡
4.7 Local conditions affecting physical fabric						
4.7.1 Wind						
	⊖	⚠			↻	↗
4.7.2 Relative humidity						
	⊖	⚠			↻	➡
4.7.3 Temperature						
	⊖	⚠			↻	➡
4.7.4 Radiation/Light						
	⊖	⚠			↻	➡
4.7.5 Dust						
	⊖	⚠			↻	➡
4.7.6 Water (rain/water table)						
	⊖	⚠			↻	↗
4.8 Social/Cultural uses of heritage						
4.8.1 Ritual/Spiritual/Religious and associative uses	⊕	⚠		⦿		➡
4.8.2 Society's valuing of heritage	⊕	⚠		⦿		➡
4.8.5 Identity, social cohesion, changes in local population and community	⊕	⚠			↻	➡

						
4.8.6 Impacts of tourism/Visitation/Recreation						
4.9 Other human activities						
4.9.1 Illegal activities						
						
4.10 Climate change and severe weather events						
4.10.7 Other climate change impacts						
						
4.11 Sudden ecological or geological events						
4.11.2 Earthquake						
						
4.13 Management and institutional factors						
4.13.1 Management system/Management plan						
4.13.2 Legal framework						
4.13.4 Management activities						
4.13.5 Financial resources						
						
4.13.6 Human resources						
4.13.7 Low impact research/monitoring activities						
Legend  Current  Potential  Negative  Positive  Inside  Outside						

4.16. Assessment of current and potential positive and negative factors





4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development

Name	Impact			Origin		Trend
4.1.3 Industrial areas						
						

Spatial scale - Area affected by the factor	
<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input checked="" type="checkbox"/>	Intermittent or sporadic

	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.1.5 Interpretative and visitation facilities						

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing

	Static
✕	Increasing

4.2 Transportation Infrastructure

Name	Impact	Origin	Trend
4.2.1 Ground transport infrastructure			
	<div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>

Spatial scale - Area affected by the factor

	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes

✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond

✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years

	Decreasing
	Static
✕	Increasing

4.3 Services Infrastructures




Name	Impact	Origin	Trend
4.3.2 Renewable energy facilities	<div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>
	<div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>

Spatial scale - Area affected by the factor

	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing




4.6 Physical resource extraction

Name	Impact	Origin	Trend
4.6.1 Mining			
			

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity

	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.7 Local conditions affecting physical fabric

Name	Impact	Origin	Trend
4.7.1 Wind			
	 		





Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major




Management response - Capacity of management to respond	
	High capacity
	Medium capacity
✕	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.7.2 Relative humidity			
	 		

Spatial scale - Area affected by the factor	
	Restricted
	Localised

	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.7.3 Temperature						
						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity

✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.7.4 Radiation/Light			
	<div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>
	<div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major




Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.7.5 Dust			
	<div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>
	<div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>

Spatial scale - Area affected by the factor	
	Restricted
	Localised




	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.7.6 Water (rain/water table)						
						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity

✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.8 Social/Cultural uses of heritage

Name	Impact	Origin	Trend
4.8.1 Ritual/Spiritual/Religious and associative uses	 		




Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.8.2 Society's valuing of heritage	 		





Spatial scale - Area affected by the factor	
	Restricted

	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.8.5 Identity, social cohesion, changes in local population and community	<div> <div>+</div> <div>⚠</div> <div></div> </div>	<div> <div></div> <div>↺</div> </div>	<div> <div>→</div> </div>
	<div> <div>-</div> <div>⚠</div> <div></div> </div>	<div> <div></div> <div>↺</div> </div>	<div> <div>→</div> </div>





Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	

	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.8.6 Impacts of tourism/Visitation/Recreation	 		

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.9 Other human activities

Name	Impact	Origin	Trend
4.9.1 Illegal activities			
	 		
Spatial scale - Area affected by the factor			

✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
✕	Decreasing
	Static
	Increasing





4.10 Climate change and severe weather events

Name	Impact	Origin	Trend
4.10.7 Other climate change impacts			
	<div> <div></div> <div></div> </div>		
	<div> <div></div> <div></div> </div>		

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant





	Major
Management response - Capacity of management to respond	
	High capacity
	Medium capacity
✕	Low capacity
	No capacity and / or resources
Trend - Developement over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.11 Sudden ecological or geological events






Name	Impact			Origin		Trend
4.11.2 Earthquake						
						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Developement over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.13 Management and institutional factors

Name	Impact	Origin	Trend
4.13.1 Management system/Management plan	 		

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.2 Legal framework	 	 	

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	

	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.4 Management activities	<div> <div>+</div> <div>🚩</div> <div></div> </div>	<div> <div>📍</div> <div></div> <div></div> </div>	<div> <div>➡</div> </div>

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
------	--------	--------	-------

4.13.5 Financial resources						

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes

✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond

	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years

✕	Decreasing
	Static
	Increasing

Name	Impact			Origin		Trend
4.13.6 Human resources						

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✕	Widespread



Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes

	Insignificant
--	---------------

	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.13.7 Low impact research/monitoring activities						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.17. Serial inscriptions (national or transnational)

4.17.1 - If your property is a serial inscription (national or transnational) please identify which components of the property are impacted by each factor

4.18. Prediction of the state of conservation at next cycle of Periodic Reporting.

4.18.1 - Please predict what the state of conservation of each attribute will be approximately 6 years from now (at the time of the next cycle of Periodic Reporting)

	Attribute	Preserved	Compromised	Seriously compromised	Lost
4.18.1.1	Shanks Productive System	×			
4.18.1.2	Urban Design	×			
4.18.1.3	Saltpeter Canton	×			
4.18.1.4	Constructive System	×			
4.18.1.5	Fabric		×		

5. Protection and Management of the Property

5.1. Boundaries and Buffer Zones

5.1.1 - Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The boundaries are **adequate to maintain** the property's Outstanding Universal Value

5.1.2 - Are the boundaries of the World Heritage property known and recognised?

The boundaries **are known by both** the management authority and local communities/landowners

5.1.3 - Are the buffer zone(s) of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The buffer zones are **adequate** to maintain the property's Outstanding Universal Value

5.1.4 - Are the boundaries of the buffer zones known and recognised?

The buffer zones of the World Heritage property **are known and recognised by both** the management authority and local communities/landowners

5.1.5 - Comments, conclusions and/or recommendations related to boundaries and buffer zones of the World Heritage property

The protection of the buffer zone under the National Monuments law in 2018 improves the boundaries of the property.

5.2. Protective Measures

5.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and/or traditional).

Humberstone and Santa Laura Works were declared Historical Monuments on January 16, 1979, by means of the Supreme Decree no. 320. The area under protection was successively enlarged until its present delimitation. At first, on November 07, 1989 the present 'Tortas de Ripio' were included by means of the Decree no. 536. Later decrees on August 11, 1997 and March 31, 1998 widened and rectified the limits, by incorporating both monuments under a single protection area.

Legal protection measures did not prohibit the dismantling and looting of building materials and machinery from these works for a period of 40 years. However, from 1997, with the formation of the Saltpeter Museum Corporation, supported by Pampinos, authorities of the area and entrepreneurs, by the Architecture Board of the Public Works Ministry and by the National Monuments Council, measures have begun to be taken with the aim of preserving the saltpeter Works as a museum. Work has begun on some emergency work and a reception has been provided for visitors. The Corporation was strengthened in 2002, by a Public Act.

Source: Advisory Body Evaluation

Comment

It is necessary to modify 2nd paragraph deleting the word PROHIBIT for the word AVOID and add information about the minor boundary change that took place in 2010. This measure collaborated with the redefinition of the site borders (A-16 Route). Besides, in 2018 the buffer zone was protected under the National Monuments Law, reinforcing and consolidating this area with the Typical Zone decree N°18 from 28 august 2018.

5.2.2 - Please list any legislation and other measures (regulatory -including spatial planning- contractual, institutional or traditional) not included in 5.2.1 and indicate the category

5.2.3 - Is the legal framework (i.e. legislation and/or regulation including spatial planning) adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property provides an **adequate basis for effective management and protection**

5.2.4 - Is the legal framework (i.e. legislation and/or regulation) adequate in the buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** in the buffer zone for the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property provides an **adequate basis for effective management and protection**

5.2.5 - Is the legal framework (i.e. legislation and/or regulation) in the broader setting of the World Heritage property adequate for

maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

An **adequate legal framework** exists for the broader setting of the World Heritage property, **but there are some deficiencies in implementation** which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property

5.2.6 - Can the legal framework (i.e. legislation and/or regulation) be enforced?

There is **adequate capacity/resources** to enforce legislation and/or regulation in the World Heritage property

5.2.7 - Please provide a short summary of how the legislation, including spatial planning and other regulation, works in practice

The site is regulated and protected under the Law 17.288. It rules applies to the whole heritage area, as historic monument and typical zone. Besides any new project to develop in the protected area must obey the Law 19.300 for Environmental Basis. There's not other regulation as mining or urban planning. The rule for typical zone allow the management of the buffer zone. https://www.monumentos.gob.cl/sites/default/files/do_reglamento_zt.pdf

5.2.8 - Comments, conclusions and/or recommendations about the information related to the measures taken to protect the World Heritage property

5.3. Management System/Management Plan

5.3.1 - Please check the box which most closely match the character of the governance and management system of the property

Private ownership/management

If 'Other', please specify

5.3.2 - Management System: Please indicate which of the various management tools listed below are used to help protect the property.

A management plan

An annual work plan or business plan

A disaster, climate or conflict risk management plan

5.3.3 - Please give a brief description of the management system currently in place at your property

The management system includes a management plan, conservation plan and disaster plan for the site and administration model for the manager support. The manager of the property is The saltpeter Museum Corporation who has capacity for its full administration.

5.3.4 - Management Documents

Title	Status	Available	Date	Link to source
Humberstone and Santa Laura Saltpeter Works Management guide - January 2004	N/A	Available	2004	

Comment

The current document is the Humberstone and Santa Laura Saltpeter Works Management Plan 2021-2025.

5.3.5 - Has any use been made of the 2011 Recommendation on the Historic Urban Landscape in developing policies and best practices for the protection of this property?

The 2011 Recommendation on the Historic Urban Landscape is **not relevant** to this property

5.3.6 - If the Historic Urban Landscape Recommendation has been used at this property, please describe briefly what has been done.

5.3.7 - Has any use been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property?

No use has been made of the World Heritage Policy for Climate Change

5.3.8 - If the Climate Change policy has been used, please briefly describe what has been done along with any research on the impacts of Climate Change on the property:

5.3.9 - Has any use been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property ?

Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties

5.3.10 - If the Strategy for Reducing Risks from Disasters at World Heritage Properties has been used, please briefly describe what has been done

The University Federico Santa María has developed a disaster plan for a zone of the Humberstone urban area and it is based on this strategy.

5.3.11 - Rate the coordination between the various levels of administration (i.e. national/federal; regional/provincial/state; local/municipal etc.) involved in the management of the World Heritage property

There is **coordination** between the range of administrative bodies involved in the management of the property, **but it could be improved**

5.3.12 - Is the management system/plan adequate to maintain the property's Outstanding Universal Value?

The management system/plan is **fully adequate** to maintain the property's Outstanding Universal Value

5.3.13 - Is the management system being implemented?

The management system is being **fully implemented and monitored**

5.3.14 - Is there an annual work/action plan and is it being implemented?

An annual work/action plan **exists and many of its activities are being implemented**

5.3.15 - Does the management system include formal mechanisms and procedures that ensure participation and contribution of the following groups, living within or near the World Heritage property and/or buffer zone in management decisions that maintain the Outstanding Universal Value of the property?

		Not applicable	No mechanisms for participation	Some participation	Direct participation	Transformative participation in all relevant decision processes
5.3.15.1	Local communities			✗		
5.3.15.2	Local authorities			✗		
5.3.15.3	Landowners in the property and the buffer zone	✗				
5.3.15.4	Indigenous peoples	✗				
5.3.15.5	Women	✗				
5.3.15.6	Other specific groups	✗				
	If you selected, 'Other specific groups' please specify					

5.3.16 - Please rate the cooperation/relationship between the World Heritage property managers/coordinators/staff and the following groups

		Not applicable	Non-existent	Poor	Fair	Good
5.3.16.1	Local communities				✗	
5.3.16.2	Local/Municipal authorities			✗		
5.3.16.3	Indigenous peoples	✗				
5.3.16.4	Landowners	✗				
5.3.16.5	Women	✗				
5.3.16.6	Youth/Children	✗				
5.3.16.7	Researchers				✗	
5.3.16.8	Local Visitors/Tourists				✗	
5.3.16.9	National/International tourists				✗	
5.3.16.10	Tourism Industry				✗	
5.3.16.11	Local businesses and industries				✗	
5.3.16.12	NGOs				✗	
5.3.16.13	Other specific groups	✗				
	If you selected 'Other specific groups', please specify					

5.3.17 - Please rate the extent to which the management system of your property contributes towards achieving the objectives of the World Heritage Committee's Policy for the Integration of a Sustainable Development Perspective into the Processes of the *World Heritage Convention*

		Not applicable	No contribution	Limited	Significant	Full achievement
5.3.17.1	The management system of the property contributes to gender equality		✗			
5.3.17.2	The management system of the property provides ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)		✗			
5.3.17.3	The management system of the property contributes to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status		✗			
5.3.17.4	The management system of the property integrates a human rights-based approach		✗			
5.3.17.5	The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood		✗			
5.3.17.6	The management system of the property contributes to conflict prevention, including respect for cultural diversity within and around the World Heritage property		✗			

5.3.18 - Please provide further details on the ratings of the management system given in the table above

5.3.19 - Comments, conclusions and/or recommendations related to the management system/plan

The strategic goals for the property should be revised under the agenda 2030 and the 5 "C" principles.

6. Financial and Human Resources

6.1. Funding

6.1.1 - If your funding sources do not exactly fit those shown, put the relevant amounts against the funding type that most closely represents your situation, and use the comment box below to provide more details.

		Project costs	Running costs
6.1.1.1	Multilateral funding (GEF, World Bank, etc.)	0 %	0 %
6.1.1.2	Bilateral international funding	0 %	0 %
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %
6.1.1.4	Contribution from other conventions and programmes	0 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.6	Governmental (national/federal)	0 %	0 %
6.1.1.7	Governmental (regional/provincial/state)	20 %	20 %
6.1.1.8	Governmental (local/municipal)	0 %	0 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	40 %	40 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	36 %	36 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	4 %	4 %
6.1.1.12	Other	0 %	0 %
		Total 100 %	Total 100 %

6.1.2 - Please comment here on any other aspects of funding sources not covered in the table above

6.1.3 - Is the current budget sufficient to manage the World Heritage property effectively?

The available **budget is acceptable** but **could be further improved** to fully meet the management needs

6.1.4 - Are the existing sources of funding secure and likely to remain so?

The existing sources of funding are **not secure**

6.1.5 - Comments, conclusion, and/or recommendations related to finance and infrastructure

The founding are not secure. The manager must to applied and ask, year to year, estate founding and donations. Its own income are variable, and it was very affected by the sanitary situation that reduced highly the tourism at all level.

6.1.6 - Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.

		From local communities %	From elsewhere %
6.1.6.1	Men	55 %	30 %
6.1.6.2	Women	45 %	70 %
		Total 100 %	Total 100 %

6.1.7 - Are available human resources adequate to manage the World Heritage property?

Human resources **partly meet** the management needs of the World Heritage property

6.1.8 - Considering the management needs of the World Heritage property, please rate the availability of professionals in the following disciplines

Conservation	Good
Environmental sustainability	Poor
Community participation and inclusion	Fair
Risk preparedness	Fair
Capacity development and education	Fair
Administration	Good
Research and monitoring	Fair

Awareness raising and public information/communication	Good
Marketing and promotion	Poor
Interpretation	Fair
Visitor management/tourism	Fair
Enforcement (custodians, police)	Good

6.1.9 - Please rate the availability of training opportunities for the management of the World Heritage property in the following disciplines

Conservation	Fair
Environmental sustainability	Poor
Community participation and inclusion	Poor
Risk preparedness	Fair
Capacity development and education	Poor
Administration	Poor
Research and monitoring	Poor
Awareness raising and public information/communication	Poor
Marketing and promotion	Poor
Interpretation	Poor
Visitor management/tourism	Poor
Enforcement (custodians, police)	Poor

6.1.10 - Has any use been made of the World Heritage Strategy for Capacity Building at the property?

No use has been made of the World Heritage Strategy for Capacity Building

6.1.11 - If the World Heritage Strategy for Capacity Building has been used, please briefly describe what has been done.

6.1.12 - Are there site-specific capacity building plans or programmes that develop local expertise and that contribute to the transfer of skills for the conservation and management of the World Heritage property?

There is **no site-based** capacity building plan or programme in place; management is implemented by external staff and skills are not transferred

6.1.13 - Comments, conclusions and/or recommendations related to human resources, expertise and training

7. Scientific Studies and Research Projects

7.1 - Is there adequate knowledge (scientific or traditional) about the values and attributes of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?

Knowledge about the values and attributes of the World Heritage property is **acceptable** for most key areas but there are gaps

7.2 - Is there a planned programme of research at the property which is directed towards management needs and/or improving understanding of Outstanding Universal Value?

There is a **small amount of research**, but it is not planned

7.3 - Are results from research programmes publicly available and disseminated?

Research **results are shared** with local communities and partners **but there is no active outreach** to national or international agencies

7.4 - Comments, conclusions and/or recommendations related to scientific studies and research projects

The operational needs are consuming the most of the time for the corporation team; therefore there are some efforts in this field and the needs are identified.

8. Education, Information and Awareness Building

8.1 - Please rate the awareness and understanding of the existence and justification for inscription of the World Heritage property amongst the following groups

Local communities	Good
Local/municipal authorities	Fair
Indigenous peoples	Not applicable
Landowners	Good
Women	Fair

Youth/children	Fair
Researchers	Good
Local visitors	Fair
National/international tourists	Good
Tourism industry	Fair
Local businesses and industries	Fair
NGOs	Fair
Other specific groups	Not applicable
If you selected 'Other specific groups', please describe	

8.2 - Does the property have a heritage education programme(s) for children and/or youth, that can contribute to a better understanding of heritage, promote diversity and foster intercultural dialogue?

There is a planned and effective education and awareness programme for children and youth that contributes to the protection of the World Heritage property

8.3 - Who are the target audiences for education and awareness programmes at your property?

Local communities
Youth/children
Local Visitors
National/international tourists

8.4 - Please rate the adequacy of the following visitor facilities and services at the World Heritage property for education, information, interpretation and awareness building

Visitor centre	Good
Site museum	Fair
Information booths	Not provided but needed
Guided tours	Poor
Trails/routes	Fair
Printed information materials	Fair
Online (website, social media, etc.)	Fair
Transportation facilities	Poor
Other	Not needed
If 'Other' is selected, please specify	

8.5 - Comments, conclusions and/or recommendations related to education, information and awareness building

9. Visitor Management

9.1 - Please provide estimated annual visitor numbers (including national and international visitors) since the last Periodic Report

59707 / 38694 / 104512 / 98066 / 97527 /

9.2 - What information sources are used to collect visitor statistics?

Entry tickets and registries

9.3 - What is the average length stay of a visitor to the World Heritage property?

One to three hours

9.4 - Please provide the source of information

Manager records.

9.5 - What is the approximate average daily visitor expenditure? (Please provide an estimated monetary figure in USD)

\$0 USD / \$5 USD / \$0 USD / \$5 USD / \$0 USD / \$5 USD /

9.6 - Please provide the source of information

Entrance ticket control and information given for the retail managers and lessee.

9.7 - Does the management system/plan for the World Heritage property include a strategy with an action plan to manage visitors, tourism activity and its derived economic, socio-cultural and environmental impacts?

There is **no strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property

9.8 - Please provide any comments relating to the answer provided above in question 9.7

The actual strategy is not written as a document, but it is known by the corporation team.

9.9 - Is visitor use effectively managed to maintain the Outstanding Universal Value of the property?

Visitor use of the World Heritage property is **effectively managed and does not impact its Outstanding Universal Value**

9.10 - Is the effectiveness of tourism management regularly monitored?

No

If a different system, please specify

9.11 - How does the tourism industry cooperate with the site management to improve visitor experiences and maintain the Outstanding Universal Value of the World Heritage property?

There is **contact** between those responsible for the World Heritage property and the tourism industry but this **is largely confined to administrative or regulatory matters**

9.12 - How well is the information on the Outstanding Universal Value of the property presented and interpreted?

The presentation and interpretation of the Outstanding Universal Value of the property **is acceptable but improvements could be made**

9.13 - At how many locations is the World Heritage emblem displayed at the property?

In **one location** and **easily visible** to visitors

9.14 - How does visitor/tourism revenue (e.g. entry charges, permits) contribute to the management of the World Heritage property?

Fees are collected, and make **some contribution** to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?

No

If 'Yes', please specify

9.16 - Are the benefits of tourism shared with local communities?

No

If 'Yes', please specify

9.17 - Comments, conclusions and/or recommendations related to visitation/tourism/public use of the World Heritage property

10. Monitoring

10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the understanding of the Outstanding Universal Value?

There is a **comprehensive, integrated programme of monitoring**, which is relevant to management needs and/or improving understanding of the Outstanding Universal Value

10.2 - Is necessary information available in order to define key indicators for measuring the state of conservation and are they used in monitoring how the Outstanding Universal Value of the property is being maintained?

Information on the values of the World Heritage property is **adequate and key indicators have been defined but monitoring of the status of indicators could be improved**

10.3 - Are key indicators defined and in place for the following principal aspects of the property?

	Extend of indicators	Not applicable	No indicators	Indicators have been defined but are not yet in use	Indicators are in place and in use since the last Periodic Reporting cycle
10.3.1	State of conservation			×	
10.3.2	Effectiveness of the management system			×	
10.3.3	Character of governance	×			
10.3.4	Appropriate synergy with other conservation designations	×			
10.3.5	Contribution to sustainable development		×		
10.3.6	Capacity development		×		

10.4 - Please provide information on relevant key indicators adopted at the property

The key indicators are related with state of conservation, interventions, executed projects, annual fees, fabric, investigation, visitors experience.

10.5 - Please rate the level of involvement in monitoring of the following groups:

World Heritage managers/coordinators and staff	Good
Local/municipal authorities	Not applicable
Local communities	Not applicable
Indigenous peoples	Not applicable
Landowners	Good
Women	Not applicable
Researchers	Not applicable
Tourism industry	Not applicable
Local businesses and industry	Not applicable
NGOs	Not applicable
Other specific groups	Not applicable
If you selected 'Other specific groups', please specify	

10.6 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee?

Implementation is complete

10.7 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee.

The recommendations has had relation to the condition as List in danger property.

10.8 - Comments, conclusions and/or recommendations related to Monitoring

We are developing the monitoring program. Is a new challenge and the KPI's are related with the state of conservation, interventions, executed projects, annual fees, fabric, investigation, visitors experience.

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.2	Protective Measures	
5.2.5	An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property	
5.3	Management System/Management Plan	
5.3.7	No use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	✗
5.3.11	There is coordination between the range of administrative bodies involved in the management of the property, but it could be improved	✗
5.3.17	<ul style="list-style-type: none"> The management system of the World Heritage property does not contribute to gender equality The management system of the World Heritage property does not provide ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants) The management system of the World Heritage property does not contribute to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status The management system of the World Heritage property does not integrate a human rights-based approach The management system of the World Heritage property does not contribute to fostering inclusive local economic development, and to enhancing livelihood The management system of the World Heritage property does not contribute to conflict prevention, including respect for cultural diversity within and around the World Heritage property 	
6.1	Funding	
6.1.3	The available budget is acceptable but could be further improved to fully meet the management needs of the World Heritage property	✗
6.1.4	Existing sources of funding are not secure	✗
6.1.7	Human resources partly meet the management needs of the World Heritage property	✗
6.1.10	No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	
6.1.12	There is no site-based capacity building plan or programme in place; management is implemented by external staff and skills are not transferred	✗
7	Scientific Studies and Research Projects	

7.2	There is a small amount of research in the World Heritage property but it is not planned	✕
7.3	Research results are shared with local communities and partners but there is no active outreach to national or international agencies	
9	Visitor Management	
9.7	There is no strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property	
9.11	There is contact but this is largely confined to administrative or regulatory mattersThere is contact between those responsible for the World Heritage property and the tourism industry but this is largely confined to administrative or regulatory matters	✕
9.12	The presentation and interpretation of the Outstanding Universal Value of the property is acceptable but improvements could be made	✕
10	Monitoring	
10.2	Information on the values of the World Heritage property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved	✕

Please select 0 more issues.

☒ Please save this question to reflect changes

12. Summary and Conclusions

12.1. Summary - Factors affecting the Property

12.1.1 - Summary - Factors affecting the Property

4.6	Physical resource extraction						
4.6.1		Mining					
4.7	Local conditions affecting physical fabric						
4.7.1	Wind	Criterion iii) Attributes: Fabric (timber, corrugated iron -calamina-, caliche bricks, plaster walls).	Execute maintenance plan Execute intervention plan	Monitoring Program, Key indicator 3: review the state of conservation of buildings, sets and zones of the property.	2022-2025	Property Manager (Corporación Museo del Salitre)	No comments
4.7.2	Relative humidity	Criterion iii) Attributes: Fabric (timber, corrugated iron -calamina-, caliche bricks, plaster walls).	Execute maintenance plan Execute intervention plan Install active and passive measures against rain and humidity	Monitoring Program, Key indicator 3: review the state of conservation of buildings, sets and zones of the property.	2022-2025	Property Manager (Corporación Museo del Salitre)	No comments
4.7.3	Temperature	Criterion iii) Attributes: Fabric (timber, corrugated iron -calamina-, caliche bricks, plaster walls).	Execute maintenance plan Execute intervention plan	Monitoring Program, Key indicator 3: review the state of conservation of buildings, sets and zones of the property.	2022-2025	Property Manager (Corporación Museo del Salitre)	No comments
4.7.4	Radiation/Light	Criterion iii) Attributes: Fabric (timber, corrugated iron -calamina-, caliche bricks, plaster walls).	Execute maintenance plan Execute intervention plan	Monitoring Program, Key indicator 3: review the state of conservation of buildings, sets and zones of the property.	2022-2025	Property Manager (Corporación Museo del Salitre)	No comments
4.7.5	Dust	Criterion iii Attributes: Fabric (timber, corrugated iron -calamina-, caliche bricks, plaster walls); Cultural landscape.	Execute maintenance plan Execute intervention plan	Monitoring Program, Key indicator 3: review the state of conservation of buildings, sets and zones of the property.	2022-2025	Property Manager (Corporación Museo del Salitre)	No comments
4.7.6	Water (rain/water table)	Criterion iii) and iv) Attributes: Fabric (timber, corrugated iron -calamina-, caliche bricks, plaster walls); Cultural Landscape, Public Buildings	Execute maintenance plan Execute intervention plan Install active and passive measures against rain and humidity	Monitoring Program, Key indicator 3: review the state of conservation of buildings, sets and zones of the property.	2022-2025	Property Manager (Corporación Museo del Salitre)	No comments

4.10	Climate change and severe weather events						
4.10.7	Other climate change impacts						
4.11	Sudden ecological or geological events						
4.11.2	Earthquake						
4.13	Management and institutional factors						
4.13.5	Financial resources						
Question not completed							

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

5.3	Management System/Management Plan				
		Actions	Timeframe	Lead agency (and others involved)	More info / comment
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	(i) Lead the implementation and monitoring of the Risk Management Plan for the property. (ii) Review the specific actions to reduce the vulnerability of buildings proposals in the Risk Plan, for its consideration in the property maintenance plan	(i) The second semester of each year between 2021 and 2025; (ii) 2nd semester 2021	Property Manager (Corporación Museo del Salitre)	No comments
5.3.11	There is coordination between the range of administrative bodies involved in the management of the property, but it could be improved	(i) Develop associativity with other institutions	2021-2025	Property Manager (Corporación Museo del Salitre)	No comments
6.1	Funding				
6.1.3	The available budget is acceptable but could be further improved to fully meet the management needs of the World Heritage property	(i) To find and create loyalty of new donors	2022-2025	Property Manager (Corporación Museo del Salitre)	No comments
6.1.4	Existing sources of funding are not secure	(i) To find and create loyalty of new donors (ii) Update the strategic plan, (iii) Improve capacity in projects formulation.	2022-2025	Property Manager (Corporación Museo del Salitre)	No comments
6.1.7	Human resources partly meet the management needs of the World Heritage property	(i) To hire a professional in the marketing, culture and tourism area as part of the administrative team.	(i) 2021	Property Manager (Corporación Museo del Salitre)	No comments

6.1.12	There is no site-based capacity building plan or programme in place; management is implemented by external staff and skills are not transferred	(i) Strengthen the technical capacities of those who work in the Administrative team.	(i) 2023-2025	Property Manager (Corporación Museo del Salitre)	No comments
7	Scientific Studies and Research Projects				
7.2	There is a small amount of research in the World Heritage property but it is not planned	(i) Develop more investigation about the property fabrics (specially timber, corrugated iron and caliche bricks). (ii) Elaborate a plan for professional training in investigation.	2024-2025	Property Manager (Corporación Museo del Salitre)	No comments
9	Visitor Management				
9.11	There is contact but this is largely confined to administrative or regulatory mattersThere is contact between those responsible for the World Heritage property and the tourism industry but this is largely confined to administrative or regulatory matters	(i) Design an certificate system for tourism guides.	2021-2022	Property Manager (Corporación Museo del Salitre)	No comments
9.12	The presentation and interpretation of the Outstanding Universal Value of the property is acceptable but improvements could be made	(i) Evaluate the property interpretation signs. (ii) Study the implementation of new touristic resources of the property (buffer zone), (iii) Improve the sign system.	2022-2025	Property Manager (Corporación Museo del Salitre)	No comments
10	Monitoring				
10.2	Information on the values of the World Heritage property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved	(I) Finishing and implement the Monitoring Program	2021-2022	Property Manager (Corporación Museo del Salitre)	No comments

Summary - Management Needs completed

12.3. Conclusions on the State of Conservation of the Property

12.3.1 - Following the analysis undertaken for this report, what is the current state of Authenticity of the World Heritage property?

The Authenticity of the World Heritage property **has been preserved**

12.3.2 - Following the analysis undertaken for this report, what is the current state of Integrity of the World Heritage property?

The Integrity of the World Heritage property **has been compromised** by factors described in this report

12.3.3 - Following the analysis undertaken for this report, what is the current state of the World Heritage property's Outstanding Universal Value?

The World Heritage property's Outstanding Universal Value has been **maintained**.

12.3.4 - What is the current state of the property's other values?

Other important cultural and/or natural values and the state of conservation of the World Heritage property are **intact**

12.3.5 - Comments, conclusions and/or recommendations related to the state of conservation of the property.

The property has leaved the list in danger in 2019, which was a huge step for the manager. The measures taken were very useful for the improvement of the general state of conservation.

13. Impact of World Heritage Status

13.1 - Please rate the impacts of World Heritage status of the property in relation to the following areas

Conservation	Very positive
Research and monitoring	Very positive
Management effectiveness	Very positive
Quality of life for local communities and indigenous peoples	Not applicable
Recognition	Very positive
Education	Very positive
Infrastructure development	Very positive
Funding for the property	Positive
International cooperation	Positive
Political support for conservation	Positive
Legal/Policy framework	Positive
Advocacy	Not applicable
Institutional coordination	Positive
Security	Positive
Gender equality	Not applicable
Provision of ecosystem services/ benefits to local communities	Not applicable
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	Not applicable
Fostering inclusive local economic development and enhancing livelihood	Not applicable
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	Not applicable
Other	Not applicable
If 'Other', please specify	

13.2 - Comments, conclusions and/or recommendations related to World Heritage status and its impacts

In this case, the property inscribed on the List of World Heritage in danger, its removal from this list gave rise to a national reflection on the convention and the need for financial and political support for its implementation.

14. Good Practice in the Implementation of the World Heritage Convention

14.1 - Example of good practice in World Heritage protection, identification, conservation or management at the property level

The planning tools for the site has been updated with the methodologies developed for the advisory bodies (UNESCO, ICOMOS, UICN, ICCROM) being a very useful and accesible resources, improving the work that we could realice, specially in the risk management, building capacity and participation areas.

14.2 - Define which topics are covered by this example of best practice at the property level

Management

15. Assessment of the Periodic Reporting Exercise

15.1. Relevance of Periodic Reporting

15.1.1 - Has the Periodic Reporting process improved the understanding of the following?

The World Heritage Convention

The concept of Outstanding Universal Value
The property's Outstanding Universal Value
The concept of Integrity and/or Authenticity
The property's Integrity and/or Authenticity
Management effectiveness to maintain the Outstanding Universal Value
Monitoring and reporting

15.1.2 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities

State Party	Poor
Site Managers	No follow-up
UNESCO World Heritage Centre	No follow-up
Advisory Bodies (ICOMOS, IUCN, ICCROM)	No follow-up

15.2. Use of Data

15.2.1 - How do the authorities in charge of the property plan to use the data recorded from this cycle of Periodic Reporting?

Revision of priorities/strategies/policies for the protection, management and conservation of heritage
Update of management plans

15.2.2 - Comments on use of data from the Cycle of Periodic Reporting

15.3. Timing and resources

15.3.1 - Entities involved in the filling out of this online questionnaire (tick as many boxes as applicable)

Governmental institutions responsible for cultural and natural heritage
Site Manager/Coordinator World Heritage property staff

15.3.2 - Has a gender balanced contribution and participation been considered in the filling out of this questionnaire?

Gender balance has **not been explicitly** considered or implemented in the process.

15.3.3 - Were you given adequate time (i.e. roughly ten months) to gather necessary information and to fill in this questionnaire?

Yes

15.3.4 - Please estimate the time (working hours) needed to complete this questionnaire

10 hours / 96 hours / 45 Hours /

15.3.5 - Did you mobilise any additional resources to fill out this questionnaire?

	Additional resources	No	Yes
15.3.5.1	Human resources		×
15.3.5.2	Financial resources for organizing consultation meetings/ training	×	

15.4. Format and content of the Periodic Report

15.4.1 - How accessible was the information required to complete this questionnaire?

All required information was accessible.

15.4.2 - Was the questionnaire easy to use and clear to understand?

		Very Difficult	Difficult	Easy	Very easy
15.4.2.1	Ease of use of questionnaire			×	
15.4.2.2	Clarity of questions			×	

15.4.3 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

The questionnaire and on-line tools could be more accesible in native language. The work could be easier for the property manager.

15.5. Training and Guidance

15.5.1 - Please rate the level of support in terms of training and guidance from the following entities in completing this questionnaire

UNESCO World Heritage Centre	Poor
UNESCO (other sectors/field offices)	Not applicable

UNESCO National Commission	No support
ICOMOS International	No support
IUCN International	Not applicable
ICCROM international/regional	No support
ICOMOS national/regional	No support
IUCN national/regional	Not applicable

15.5.2 - Please rate the level of support for completing the Periodic Reporting questionnaire from the following entities

UNESCO World Heritage Centre	Poor
State Party Representative (national Focal Point)	Good
UNESCO other sectors (e.g. field office)	Not applicable
National Commission for UNESCO	No support
ICOMOS International	No support
ICCROM International/regional	No support
ICOMOS national/regional	No support
IUCN national/regional	Not applicable
IUCN International	Not applicable

15.5.3 - Were the online training resources prepared by the World Heritage Centre regarding Periodic Reporting adequate for you to complete this questionnaire?

Yes

15.5.4 - If you found that the online training resources were not adequate, what changes would you like to see implemented?

15.6. Actions that will require formal consideration by the World Heritage Committee

15.6.1 - Summary of actions that will require formal consideration by the World Heritage Committee

- Geographic information table**

Reason for update: Current Coordinates are: S 20°12'30.67" W 69°47'45.34"

- Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee**

Reason for update: Consider an update for the item Protection and Management requirements, because the situation of the site has had a lot of positive changes, including the exit from the List in Danger (2019). The main highlights are: (i) The Management plan was updated twice. The last one is for the period 2021-2025. (ii) The buffer zone is actually protected as "Typical Zone" by the National Monuments Law and it is regulated by its own rule. (iii) The priority intervention plan was completed in 2019.

Changes to these items will need to go through the proper processes.

15.7. Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

15.7.1 - Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

15.7.2 - Thank you for having filled in all the questions. Please contact your National Focal Point for validation.