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INTERNATIONAL COUNCIS ON MONUMENTS AND SITES CONSELL INTERNATIONAL DES MONUMENTS IT DES SITES CONSELO INTERNACIONAL DE MONUMENTOS Y SITIOS MEXIMAPO UIGHI COBITIO BOHPOCAM HAMSTHIKOBIE I OCTOUPHMENTO EL DI IGNESSI MET

Our Ref. GB/AA/1619-Add.Inf 1

Charenton-le-Pont, 24 September 2019

H. E. Mr Ibrahim Albalawi Permanent Delegation of the Kingdom of Saudi Arabia to UNESCO Maison de l'UNESCO 1, rue Miollis 75732 PARIS Cedex 15

World Heritage List 2020 – ICOMOS Technical Evaluation Mission Cultural Rock Arts in Himã Najrãn (Saudi Arabia)

Dear Ambassador,

ICOMOS is currently assessing the nomination of "Cultural Rock Arts in Himã Najrãn" as a World Heritage site and an ICOMOS evaluation mission is currently visiting the property to consider matters related to protection, management and conservation, as well as issues related to integrity and authenticity.

In order to help with our overall evaluation process, we would be grateful to receive further information to augment what has already been submitted in the Nomination Dossier.

Therefore, we would be pleased if the State Party could consider the following points and kindly provide additional information:

Integrity and Authenticity

ICOMOS noted that recent graffiti are considered by the State Party as the continuation of a living tradition, but also sometimes as a form of vandalism (pages 18 and 50 of the nomination dossier). ICOMOS would be pleased if the State Party could provide additional information on how recent graffiti are differentiated from vandalism acts and continuation of a tradition.

Factors affecting the property

The nomination dossier mentions that some of the large blocks of rock were used for target practice of firearms (p.50). ICOMOS would be pleased if the State Party could provide additional information on the measures in place to prevent such practices, particularly in the non-fenced component parts and in the buffer zone.

Boundaries

ICOMOS would be pleased if the State Party could provide additional information on the rationale for the delineation of the boundaries of the component parts and of the buffer zone. Regarding the buffer zone boundaries, ICOMOS would be interested to receive information on the reasons of the proximity of the buffer zone delineation and the boundaries of component 1.

Protection and Management

According to the nomination dossier, three of the component parts are fenced, equipped with signage and protected, while the fencing of the other three components is planned. ICOMOS would be pleased if the State Party could provide additional information on the status of the fencing and signage of the remaining three component parts of the nominated property.

According to the Management Plan, "The new Najrān Museum, nearing completion at the time this MP was prepared [...] will play an important role in the implementation of MP, acting as a gateway to the sites of the Cultural Rock Arts in Himā Najrān from the regional capital and providing key educational services in support of the WHS" (p.16). ICOMOS would be pleased if the State Party could provide additional information on the status of the new Najrān Museum.

ICOMOS would be pleased if the State Party could provide additional information on the status of implementation of the Management Plan.

ICOMOS would be pleased if the State Party could provide additional information on whether the name of the property relates or refers to the "hima" traditional system of protection and management. If yes, ICOMOS would be pleased if the State Party could provide information on the hima system and how it works, particularly in relation to the nominated property.

Interpretation, presentation and Visitors' management

According to the nomination dossier, "further site facilities are still to be decided and established, including formed paths within core areas, especially at Najd Khayrān (wādī Saad 7), and possibly elevated ramps and viewing platforms at selected locations. It may also be decided to establish temporary shade structures as required" (p. 62). ICOMOS would be pleased if the State Party could provide additional information on the status of these facilities.

According to the nomination dossier, Najd Khayrān (wādī Saad 7) is to be developed for tourism. Walkways and viewing platforms will be installed as appropriate to suppress dust and to enhance visiting experience" (p.50). ICOMOS would be pleased if the State Party could provide additional information on the status of this plan.

ICOMOS appreciates that the timeframe for providing this additional information is short. Brief responses are required at this stage, and can be discussed further with the State Party if needed during the ICOMOS World Heritage Panel process.

We look forward to your responses to these points, which will be of great help in our evaluation process.

We would be grateful if you could provide ICOMOS and the UNESCO World Heritage Centre with the above information by Friday 25 October 2019 at the latest.

Please note that the State Party shall submit two copies of the additional information to the UNESCO World Heritage Centre so that it can be formally registered as part of the Nomination Dossier.

We thank you in advance for your kind cooperation.

Yours faithfully,

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Gwenaëlle Bourdin Director ICOMOS Evaluation Unit

يسم الله الرحمن الرحيم



المملكة العربية السعودية الوفد الدائم لدى اليونسكو باريس

PARIS

DELEGATION PERMANENTE DU ROYAUME D' ARABIE SAOUDITE

AUPRES DE LUNESCO

Ref: 2491

10 October, 2019

Attention: Gwenaëlle Bourdin Director, ICOMOS Evaluation Unit

Dear Madam,

Reference: GB/AA/1619-Add. Inf_1, dated 24 September 2019. In response to your additional Information request, we are pleased to present our response in the following:

Integrity & Authenticity

We distinguish between two forms of "graffiti": (a) those that are of historical significance and date from the last 1500 years, or represent a cultural continuation of ancient traditions; and (b) those that are recent, culturally unrelated and vandalistic expressions, such as additions by some visitors. As we noted in the nomination dossier, p. 37, "More customary forms of site vandalism, such as recent graffiti defacing rock art or inscriptions, are strikingly absent throughout the many sites".

Factors Affecting the Property

The use of large rocks for target practice with fire arms was indeed a problem in the past, up to the 1960s. However, this occurred before the area became protected by the State and the practice has been discontinued. It is worth mentioning that, from a purely scientific perspective, the bullet impacts have been useful because some are known to have been created in the late 1950s and became convenient reference points for calibration in dating studies. Since the property has come under the control of the state authorities and has been subject to the Royal Decree for the protection of cultural heritage, there have been no such incidents. Indeed, the local community has become quite protective of the historical monument.



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المملكة العربية السعودية الوقد الدائم لدى اليونسكو باريس

DELEGATION PERMANENTE DU ROYAUME D' ARABIE SAOUDITE AUPRES DE LUNESCO PARIS

Boundaries

The rationale for the delineation of the boundaries we nominated was in part governed by the fenced-in exclusion zones established many years ago, and where these had not been established, by considerations of the area needed to best preserve the ambience and integrity of the site or site complex. All nominated sites are now completely fenced and protected and white concrete pillars mark the buffer zone boundary.

The buffer zone boundaries were determined based on "annexing" the largest possible number of rock art, inscription and archaeological site clusters of the still more extensive overall extent of the greater cultural zone. Those parts not included within the buffer zone are the least accessible, essentially in the mountains of jabal Al-Qāra and jabal Al-Kawkab. The western boundary of the buffer zone is of no concern; it runs mostly through terrain that is quite inaccessible. Hence its proximity to component 1 poses no danger.

Protection & Management

The remaining three component parts are also fenced-in now and signs have been placed at all of them.

The new Najran museum is almost completed and will be opened in a few months. All archaeological activities, protection, education and management of sites will be administered from the large museum office. The local community will play an important role in the protection, preservation and management of the sites and in facilitating tourism and guiding visitors on camels and horses. Tourist guides are already available now through local travel agents; others are to become available who will be archaeology graduates from the University of Najran.

In the Hima system, local people are involved in creating facilities for visitors, opening handicraft and coffee shops to enhance their local economy. It involves also finding jobs for young people as guides, shop keepers, providers of camels and horses, etc.







المملكة العربية السعودية الوفد الدائم لدى اليونسكو باريس

DELEGATION PERMANENTE DU ROYAUME D' ARABIE SAOUDITE AUPRES DE LUNESCO PARIS

Interpretation, Presentation & Visitor Management

There is a plan to facilitate the access of visitors to see the rock art as closely as possible without endangering it, by creating pathways, elevated structures and shades on the sites, but this remains in the planning stage. Najd Khayrān (wādī Saad 7) is a most attractive and large site and special attention will be given to develop it as the major visitor's destination. These plans require considerable input from specialists to minimize impact on the site's integrity and ambience before construction can commence on the facilities. However, they will be completed before a major influx of visitors is to occur.

We trust that this answers your questions but would be pleased to provide any further information you may require.

Yours faithfully,

Dr.Ibrahim Albalawi



Ambassador, Permanent Delegate of the Kingdom of Saudi Arabia to UNESCO

CC: World Heritage Center, UNESCO



بسم الله الرحمن الرحيم



المملكة العريية السعودية الوفد الدانم لدى اليونسكو باريس

DELEGATION PERMANENTE DU ROYAUME D' ARABIE SAOUDITE AUPRES DE LUNESCO PARIS

Ref: ICOMOS-18

Paris 27 February 2020

Attention Ms. Gwenaëlle Bourdin Director,ICOMOS Evaluation Unit

<u>Subject :</u> Additional information concerning the nomination of the site of Rock Arts in Hima Najran .

Dear Madam,

In response to your letter (ref: GB/AS/1619/IP) dated the 20th of December 2020 asking for Additional information and clarifications concerning the Additional information concerning the nomination of the site of Rock Arts in Hima Najran in Saudi Arabia,

Please find attached the letter of ActingV.P for Antiquities and Museums addressed including the requested information. (C.D attached).

Please accept, dear madam, the assurances of my highest consideration.

H.E.Princess Haifa Bint Abdulaziz Al Mogrin

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Ambassador, permanent Delegate Of the kngdom of Saudi Arabia To UNESCO

cc.WHC Director



1. RUE MIOLLI5 - 75015 PARIS - TEL : 01 45665406 - FAX : 01 47632724



In response to your letter of 20 December 2019 we offer the following information and clarifications:

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Documentation

All the data obtained from the comprehensive archaeological surveys and by the rock art exploration teams of the Department of Antiquities and Museums are filed in the Antiquities Research Centre of the Saudi Commission for Tourism and National Heritage (SCTH) at its offices in Riyadh and in the archive of the newly built regional museum in Najran.

We apologize for failing to include the List of 551 rock art and rock inscription sites mentioned in the Nomination Dosssier. It is now provided, as well as a map showing the locations of these sites.

Name of the property

'Himā Cultural Precinct' is the new title for the property, emphasizing that this property bridges the present and the past, with evidence of cultural continuity linking the desert Bedouins with their historical ancestors (as detailed in the Nomination Dossier).

Comparative analysis

Comparisons with Jubbah and Shuwaymis Neolithic rock art sites:

Saudi Arabia is one of the rock art-richest countries in the world. It is therefore not surprising that it comprises numerous exceptional bodies of rock art. Two of them, the petroglyph complexes at Jubbah and Shuwaymis in the Hail Region in the country's north have been inscribed on the World Heritage List in 2015. The principal justification for that inscription was that they are the finest examples of Neolithic rock art known in the world. The Hail site complexes are large by international standards, but are certainly not the largest known in the country, which the Himā Cultural Precinct indeed is.

No other Saudi site complexes approaches in size the massive statistics of the Himā complex being submitted. Most Himā sites have not yet been subjected to detailed scientific scrutiny, such as direct dating. Such work has so far involved several analytical methods in Saudi Arabia, including radiocarbon, microerosion, uranium-series and optically stimulated fluorescence analyses as well as colorimetric seriation.

The present application emphasizes qualities that are entirely different from those of the Jubbah and Shuwaymis properties. At Himā, the rock art component is only one of various remarkable features, the most important of which is the area's function as an integrated cultural precinct of exceptional continuity — although some of the rock art is of great antiquity and much of it is of high quality.



Jubbah is an isolated oasis in the Great Nafud Desert, next to the imposing sandstone stacks of Jabal umm Sinman. Dozens of petroglyph sites occur on this mountain and on several smaller ones nearby. The human and animal figures at Jubbah are huge, deeply carved in bas relief and very well preserved.

The rock art complex at Himā north of Najran, as compared to Jubbah, houses tens of thousands of petroglyphs, and its most substantial library of Arabian rock inscriptions significantly exceeds those at Jubbah in number. Jubbah sites contain several Thamudic inscriptions but at Himā those in South Arabic or Musnad-al-Janubi dominate, along with several early and more recent Arabic scripts. Most of the Himā rock art sites are probably under 3000 years old, in contrast to the 6000-years-old Neolithic petroglyphs of Jubbah and Shuwaymis.

The main difference between Jubbah/Shuwaymis and Himā is that the former properties were nominated primarily for their Neolithic rock art, of which they are the best examples in the world. Himā is being nominated as a cultural precinct linking a massive corpus of prehistoric and historic rock art, of myriad rock inscriptions and archaeological remains with the very present role of the rock art and the outstanding historical significance of some of the inscriptions. It links a long past with the present and places Bedouin identity within its historical context.

Concerning the *internal comparisons* of the Himā components, the six sites selected as core areas were chosen on the basis of historical significance and of being relatively accessible, representative examples of the overall corpus. It also needs to be considered that the buffer zone areas of low accessibility (i.e. Jabal Qara and Jabal al-Kawbab) remain inadequately explored.

Boundaries

Jabal al-Kawbab is a large mountain that needs detailed documentation of sites and further studies. It would be added to the Himā Cultural Precinct as serial component in the near future, perhaps in three to five years, together with parts of Jabal Qara.

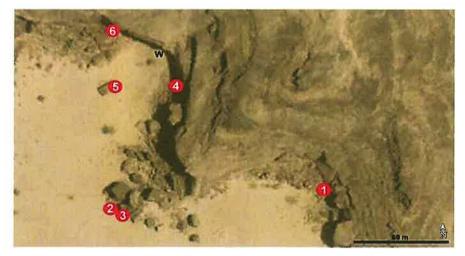
Dividing the buffer zone into developed and undeveloped zones is based on the reality of Himā village being close to key historical sites. The two zones are shown in Figure 3 of the Tourism Management Plan. The two core sites within the developed zone have been enclosed in steel fences for many years. All other sites are far from the sparse settlement area of the village of Himā. Development within the developed zone will be subject to approval and will need to comply with traditional architectural practices, without impinging on the visual ambience of the two core sites.

Development in the undeveloped buffer zone will be limited to fencing, visitor paths, platforms and barriers, i.e. facilities to meet the needs of coping with visitor traffic and safety, and will be under the control of the SCTH. There are traditional Bedouin tent 2



settlements in a few locations in the undeveloped buffer zone, but no permanent structures exist or will be allowed in it.

Najd Khayran is the site selected as the primary location for tourism. Apart from fencing, this would involve the installation of minimal tourist facilities as seen at many other rock art sites on the WHL (e.g. Kakadu, Australia). Apart from being extensive in size, with its impressive cliff face escarpment, the site complex is relatively level and would lend itself to wheelchair access to several of its parts. It is therefore proposed to construct concrete paths from the entrance gate to rock art concentrations 2 and 3 and on to 4 and 5. Such paths have the additional benefit of suppressing dust development from people traffic.



Najd Khayrān site complex with main rock art concentrations shown.

Since there is limited shade available at this extensive site, it may be appropriate to install a sun-shade at the entrance gate. A traditional Bedouin tent may be installed in the desert near Najd Khayran, well away from the site, with toilet, coffee shop facilities for the visitors and a monitoring center. However, we emphasize that we remain undecided about these plans and would delete them if requested to do so.

Conservation and monitoring

Thank you for the opportunity to respond to these three conservation concerns. Bullet impact marks on rocks are relatively old, made between 40 to >100 years ago. Nowadays, through the work of the Department of Antiquities and Museums over several decades, people are well aware of the importance of their ancestor's cultural heritage. This practice of using rocks as targets has been discontinued completely.

Similarly, these attitudes have also led to a significant reduction in graffiti production. Moreover, the sites in the buffer zone have become very well protected and guarded by the rangers stationed at the information center in Himā. These have two four-wheel Land Cruisers and take rounds every day to all the core sites and the buffer zone. As they are



local residents from the local tribes, they check the area any time of the day and even check any trespassers at night. Thus, the sites are very well monitored by local guards and local residents as they are aware of the cultural importance of the area.

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The rock art will continue to be protected in accordance with Royal Decree No. M/26 through existing measures, considered visitor access, management and regular daily monitoring. Local guards regularly monitor the condition of and maintain fencing at the sites.

Local people and tribal Sheikhs are very excited about the potential registration of their ancestor's artwork and inscriptions on the World Heritage List. A meeting was held with all the Sheikhs of the local tribes and Dr Benjamin Smith in Himā municipality. The Sheikhs showed great interest and support to protect, preserve and guard the sites and welcome visitors or tourists with excellent facilities and local traditional hospitality.

Rubbish is removed every day by the local municipality. Saudi Arabia has an excellent garbage disposal system.

The new concrete structures around the wells and water channels will be removed if ICOMOS advise us to do so. We can remove these structures within one week and reinstate the previous conditions.



Concrete additions around the wells, to be removed on advice.





Old picture of Himā well.(1981)

Monitoring: In addition to already existed monitoring in the information center in the village of Himā, a monitoring center is to be established in a large Bedouin tent near the site of Najd al-Khayran (but out of sight of it), together with a coffee shop, toilet and resting facilities. The tent will show the Bedouin life style and interior of their tents; being a model of a real Bedouin tent. Concerning the timeframe, this could be erected within a few months after a decision is made.

Concerning trained staffing, Najran University Department of Archaeology based in Najran City is in the process of developing research and teaching in this field. A state-of-the-art Research Center for Rock Art Studies will be established. It will secure links with international partner institutions to support and facilitate the founding of the center. At present, a French team from CNRS and University of Paris is surveying and documenting archaeological, rock inscription and rock art sites in the Najran region. Staff from the Saudi Commission for Tourism and National Heritage and some students from the archaeology department of Najran University are participating in this project.

As soon as the rock art research center is established, we shall look for hiring specialized staff. Some students at King Saud University, Riyadh and University of Hail are in the process of completing their M.Sc and Ph.D in rock art. Perhaps in couple of years we may employee them in SCTH.

Protection

The local Bedouins are fully aware of the importance of their cultural heritage, they do no harm to these sites and they look after them as their own personal interest. No stranger can now approach these sites without a guide or guard or formal permission from SCTH office in Himā or Najran. In that sense, the traditional system of site custodianship has been implemented, and has already become an integral part of the management plan.



The SCTH Branch office in Najran will continue to play a major role in the protection and management of the sites. Guards posted at the information center are local residents of Himā. New guards will be appointed to work from the proposed Bedouin tent and the two parties will look after the sites in the core and buffer zones and even after Jabal al-Kawbab and other parts of eastern Jabal Qara.

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Provision has been made in the Tourism Management Plan for the possibility of extending organized tours beyond the four core sites of the undeveloped zone. This has been stated as a tentative proposal, not as a firm plan, and the Submission Dossier and Management Plan have precedence over the considerations of tourism. It has been suggested that special tours might include unfenced sites and would be supervised rigorously, but if this proposal were to impede the potential listing of the property it would be withdrawn. It is simply considered that tourism will present a demand for such special tours, and in this instance we would prefer to be guided by the greater experience of ICOMOS.





الموضوع: الرد على استفسارات الأيكموس عن الموقع المرشح في حمى نجران

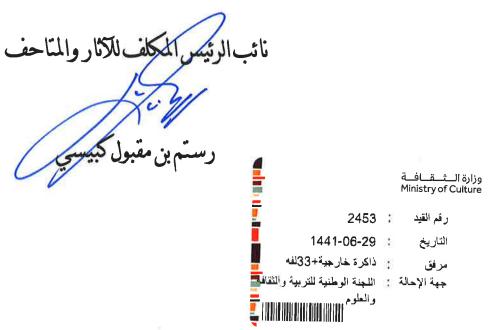
حفظهالله

سعادة الامين العام للجنة الوطنية للتربية والثقافة والعلوم السلام عليكم ورحمة الله وبركاته

أشير لكتاب مديرة وحدة التقييم في الأيكموس رقم (GB/AS/1619/IR) وتاريخ ، ٢٠١٩/١٢/٢ ، والذي تضمن عدد من الاستفسارات حول الموقع المرشح للتسجيل في قائمة التراث العالمي "الرسوم الصخرية الثقافية في حمى نجران".

تجدون برفقه مشروع كتاب رد لمديرة وحدة التقييم بالأيكموس يتضمن المعلومات المطلوبة لتسليمها بشكل رسمي من قبل المندوبية للأيكموس الدولي في باريس قبل تاريخ ٢٨ فبراير ٢٠٢٠م.

برولسعادتكم تحياتنا.



ص ب ١٦٦٨٠، الرياض ١١٥٨٦، المملكة العربية السعودية، هاتف ٥٥٨ ٨٨٠ ١١ ٢٩٦ + فاكس ١٨٨٤٨ ١١ ٢٦٦+ P O Box 66680, Riyadh 11586, Kingdom of Saudi Arabia, T: +966 11 8808855 F: +966 11 880 8844 info@scth.gov.sa www.scth.gov.sa وزارة الــــــقـــفــة Ministry of Culture رقم الصادر : 1396 التاريخ : 29-06-1441 المرفقات : ظرف

اللجنة الوطنية السعودية للتربية والثقافة والعلوم Saudi Arabia National Commission for Education, Culture and Science

سلمها الله

سمو المندوبة الدائمة للممكة لدى منظمة اليونسكو

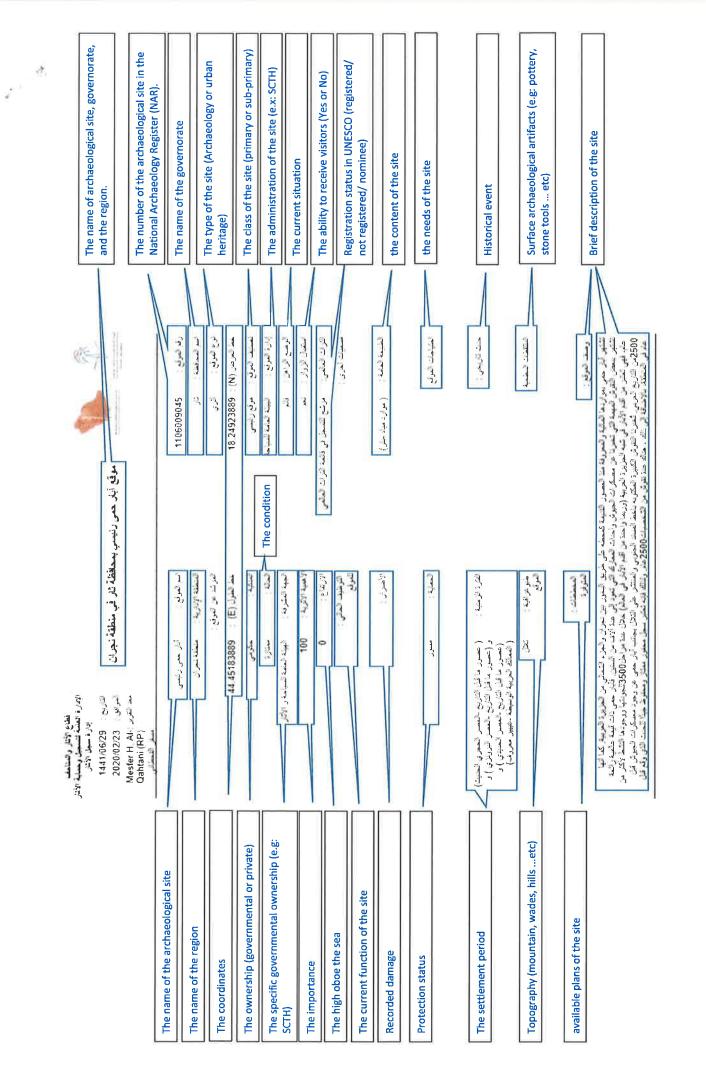
السلام عليكم ورحمة الله وبركاته

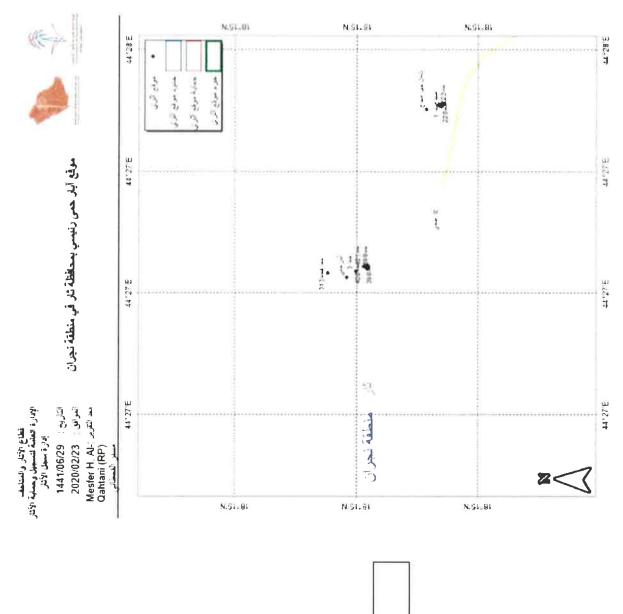
إشارة لطلب مديرة وحدة التقييم في منظمة الأيكموس (مرفق نسخة منه) والمؤرخ في ٢٠ ديسمبر ٢٠١٩م، والمرسل للمندوبية الدائمة والمعطى صورة منه لنقطة الإتصال في منظمة اليونسكو المهندس/ بندر الملق بهيئة السياحة والتراث والذي تضمن عدد من الاستفسارات حول موقع "الرسوم الصخرية الثقافية في حمى نجران".

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نفيدكم بأن الفريق المسؤول عن الملف قد قام بالإجابة على جميع متطلبات الأيكموس (مرفق كامل المستندات نسخة الكترونية على ذاكرة خارجية والأصول) لتكرم سموكم بتوجيه المعنيين بالمندوبية تزويد الأيكموس بها وذلك قبل تاريخ ٢٨ فبراير ٢٠٢٠م.

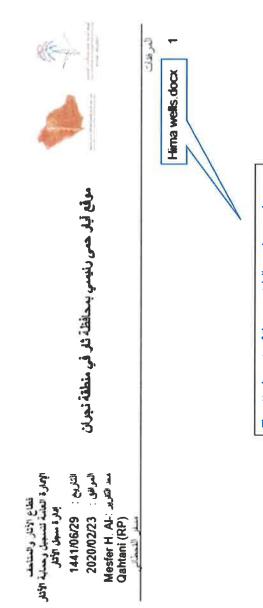
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map of the site regarding the nearby archaeological sites

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> The attachments of the report (allows the attachment is contain a detailed report of the archaeological site which includes: maps, pictures, more information). Also, if there is any previous studies, such as thesis, it would be attached here.

مطومات لسجل مٹوڈ ج



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موقع آبار حمى رئيسي بمحافظة ثار في منطقة نجران

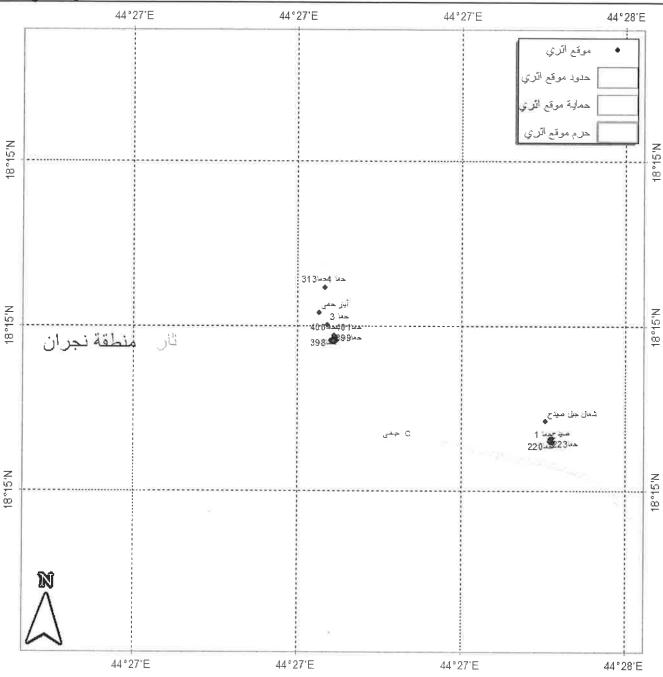
قطاع الآثار والمتاحف الإدارة العامة لتسجيل وحماية الآثار إدارة سجل الآثار التاريخ : 1441/06/29 الموافق : 2020/02/23 معد التقرير :-Mesfer H. Al Qahtani (RP) مسفر القحطاني

رقم الموقع :	1106009045	اسم الموقع :	آبار حمي رئيسي
اسم المحافظة :	ثار	المنطقة الإدارية :	منطقة نجران
نوع الموقع :	أثري	المرشد عن الموقع :	
خط العرض (N) .	18.24923889	خط الطول (E) :	44.45183889
تصنيف الموقع :	موقع رئيسي	الملكية :	حكومي
إدارة الموقع :	الهينة العامة للسياحة	الحالة :	ممتازة
الوضع الراهن :	قائم	الجهة المشرفة :	الهينة العامة للسياحة و الأثار
استقبال الزوار :	تعم	الأهمية الأثرية :	100
التراث العالمي:	مر شح للتسجل في قائمة التراث العالمي	الإرتفاع :	0
مسميات أخرى :		التوظيف الحالي : للموقع	
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احتياجات الموقع :		الحماية :	مىيور
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الملتقطات السطحية :		طبو غر افية : الموقع	(المملك العربية الوسيطة - ميبير معروف) تلال
وصف الموقع :		المخططات : المتوفرة	

تشتهر آبار حمى بمواردها المانية والمعروفة منذ العصور القديمة كمحطه على طريق البخور بين نجران والجزء الشمالي من الجزيرة العربية. كما أنها تشتهر ببعض النقوش المهمة التي تخبرنا عن معسكرات الجيوش وأحداث المعارك التي تعود إلى عدة آلاف من السنين. فآبار حمى ذات قيمة عالمية رانعة عام، فهي تعتبر من أقدم الأبار في شبه الجزيرة العربية (وربما واحدة من أقدم الآبار في العالم) خلال عدة مراحل3500للجودتها ووجودها النشط لأكثر من 2500من التاريخ العربي. تُخبرنا النقوش الكبيرة المكتوبه باخط المسند الجنوبي والمنتشر على التلل عدة مراحل3500لجودتها ووجودها النشط لأكثر من عام في التاريخ العربي. تُخبرنا النقوش الكبيرة المكتوبه باخط المسند الجنوبي والمنتشر على التلل بجانب آبار حمى عن وجود معسكرات الجيوش قبل عام في المنطقة، بالإضافة إلى ذلك ، هناك عدة نقوش من الشخصيات2500عام. ولذلك فإنه تعتبر سجل محفور ممتاز ومحفوظ جيدًا للدي الذي وقع قبل قطاع الآثار والمتاحف الإدارة العامة لتسجيل وحماية الآثار إدارة سجل الآثار التاريخ : 1441/06/29 الموافق : 2020/02/23 معد التقرير :-Mesfer H. Al Qahtani (RP) مسفر القحطاني



موقع آبار حمى رئيسي بمحافظة ثار في منطقة نجران



قطاع الآثار والمتاحف الإدارة العامة لتسجيل وحماية الآثار إدارة سجل الآثار التاريخ : 1441/06/29 الموافق : 2020/02/23 معد التقرير :-Mesfer H. Al Qahtani (RP) مسفر القحطاني





المرفقات

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خوذج معارمات لسجل لوفن



موقع عان جمل بمحافظة ثار في منطقة نجران

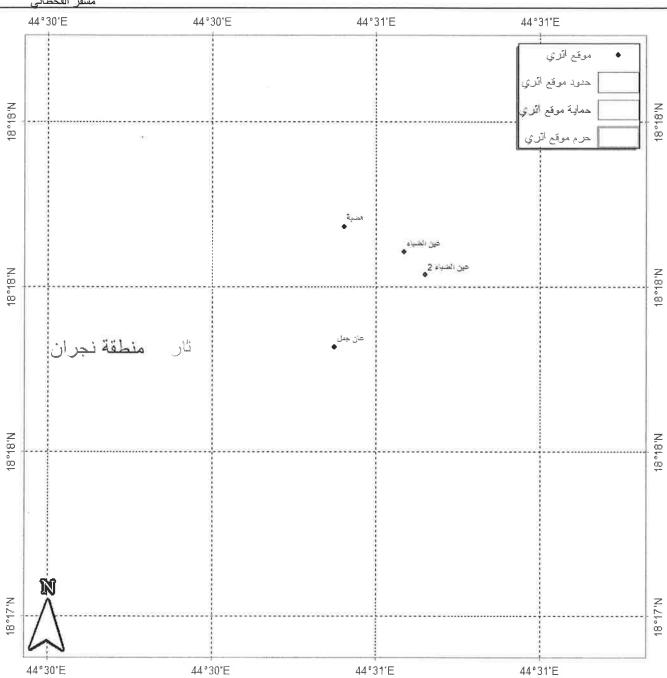
قطاع الآثار والمتاحف الإدارة العامة لتسجيل وحماية الآثار إدارة سجل الآثار التاريخ : 1441/06/29 معد التقرير :-Mesfer H. Al Qahtani (RP) معفر القحطاني

عان جمل	اسم الموقع :	1106002610	رقم الموقع :
منطقة نجران	المنطقة الإدارية :	ٹار	اسم المحافظة :
صالح آل مريح	المرشد عن الموقع :	أثري	نوع الموقع :
44.51460000	خط الطول (E) :	18.29694444 :	خط العرض (N)
حكومي	الملكية :	موقع رائيسي	تصنيف الموقع :
متوسطة	الحالة :	الهيئة العامة للسياحة	إدارة الموقع :
الهيئة العامة للسياحة و الأثار	الجهة المشرفة :	قائم	الوضع الراهن :
100	الأهمية الأثرية :	צ	استقبال الزوار :
0	الارتفاع :	مرشح للتسجل في قائمة التراث العالمي	التراث العالمي:
	لوعي : التوظيف الحالي : للموقع		مسميات أخرى :
انهيارات صخرية	الأضرار :	- (رسوم حيوانية -جمال) و (رسوم حيوانية أبقار) و (رسوم -وسوم صخرية) و (رسوم (ادمية -رجال) و (رسوم ادمية -نساء	الطبيعة العامة :
مسور و مراقب اثار	الحماية :		احتياجات الموقع
(عصور ما قبل التاريخ -العصر الحجري الحديث) و (عصور ما قبل التاريخ -العصر البرونزي) و (عصور ما قبل التاريخ -العصر الحديدي) و	الفترة الزمنية :		حدث تاريخي :
(الممالك العربية المبكرة -غيبر معروف) و تلال و أودية	طبو غرافية : الموقع		الملتقطات السطحية :
	المخططات : المتوفرة		وصف الموقع :

8.5عان جمل عبار، عن سلسلة من التلال الصخرية المنخفضة الممتدة من سفح جبل قارين الجنوبي الشرقي إلى الصحراء الرملية الواقعة على بعد حوالي يكم من شرق قرية حمى. ويكتسب الموقع اهميته من الإنتشار الكثيف للكتابات العربية القديمة على الواجهات الصخرية في انحاء مختلفة من تلال عان جمل نقش للكتابات العربية القديمة والفنون الصخريه المختلفه، من ضمنها المسند الجنوبي والثمودي والإسلامي ورسومات ٢٨٠فقد تم حصر وتوثيق اكثر من للأبقار والخيول وحيوانات اخرى كثيره قطاع الآثار والمتاحف الإدارة العامة لتسجيل وحماية الآثار إدارة سجل الآثار التاريخ : 1441/06/29 معد التقرير :-Mesfer H. Al معد التقرير :-Mesfer H. Al معد التقرير :-Mesfer H. Al معلماني (RP) مسفر القحطاني



موقع عان جمل بمحافظة ثار في منطقة نجران



قطاع الآثار والمتاحف الإدارة العامة لتسجيل وحماية الآثار إدارة سجل الآثار التاريخ : 1441/06/29 معد التقرير :-Mesfer H. Al Qahtani (RP) مسفر القحطاني.

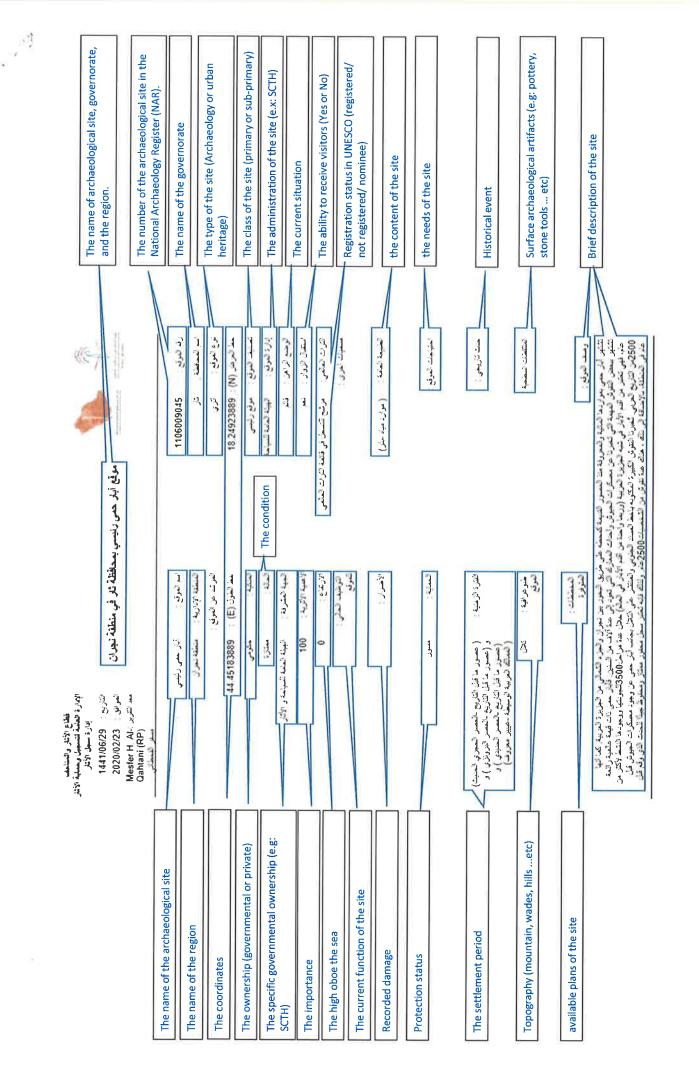
موقع عان جمل بمحافظة ثار في منطقة نجران

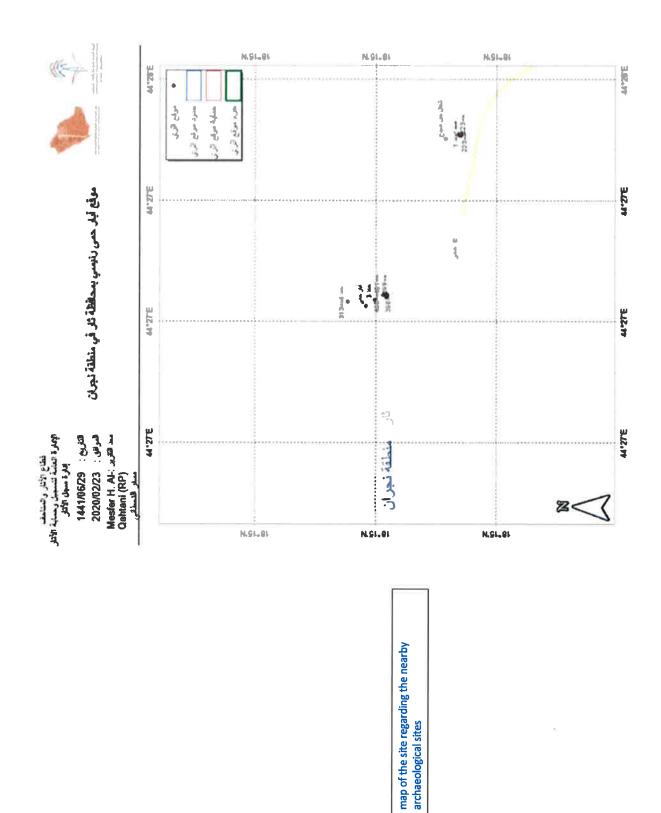


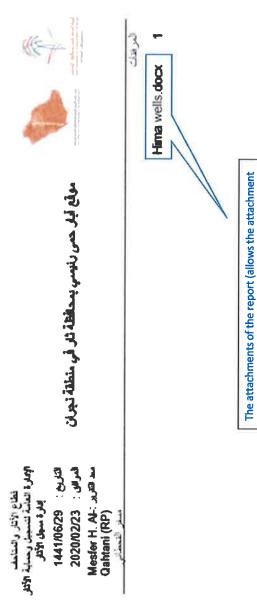
المرفقات

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I he attachments of the report (allows the attachment is contain a detailed report of the archaeological site which includes: maps, pictures, more information). Also, if there is any previous studies, such as thesis, it would be attached here.

مترذج معلومار



موقع منشاف بمحافظة ثار في منطقة نجران

قطاع الآثار والمتاحف الإدارة العامة لتسجيل وحماية الآثار إدارة سجل الآثار التاريخ : 1441/06/29 الموافق : 2020/02/23 معد التقرير :-Mesfer H. Al Qahtani (RP) مسفر القحطاني

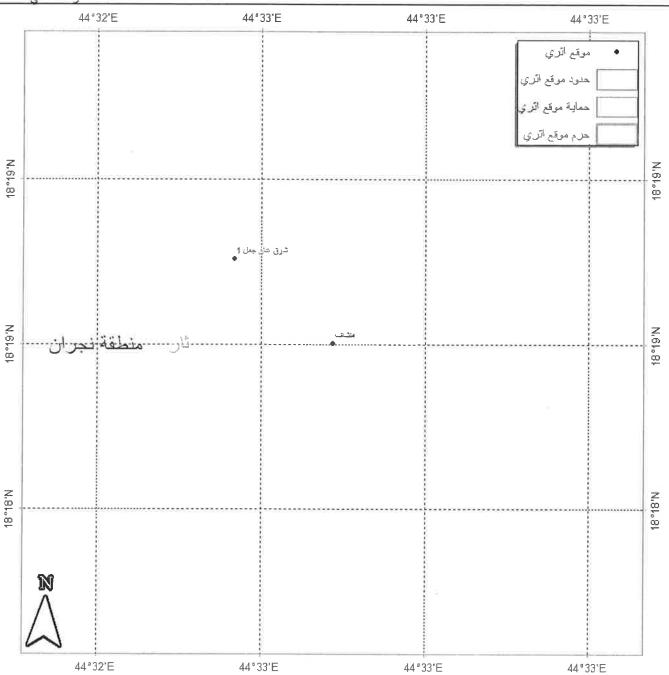
رقم الموقع : 7	1106009047	اسم الموقع :	منشاف
اسم المحافظة : ثا	ئار	المنطقة الإدارية :	منطقة نجران
نوع الموقع : أَثَ	ائر ي	المرشد عن الموقع :	
خط العرض (N) : 1	18.31671111	خط الطول (E)	44.54533611
تصنيف الموقع : م	موقع رئيسي	الملكية :	حكومي
إدارة الموقع : ال	الهيئة العامة للسياحة	الحالة	ممتازة
الوضع الراهن : قا	فائم	الجهة المشرفة :	الهينة العامة للسياحة و الأثار
استقبال الزوار : لا	لا	الأهمية الأثرية :	100
التراث العالمي: م	مر شح للتسجل في قائمة التراث العالمي	الإرتفاع :	0
مسميات أخرى :		التوظيف الحالي : للموقع	
و	(رسوم حيوانية -أبقار) و (رسوم حيوانية -خيول) و (رسوم ادمية -رجال) و (رسوم حيوانية -نعام) و (رسوم حيوانية -وعول)	الأضرار :	e de la companya de la
احتياجات الموقع		الحماية :	مراقب اثار
حدث تاريخي		الفترة الزمنية :	(عصور ما قبل التاريخ -العصر الحجري الحديث) و (عصور ما قبل التاريخ -العصر البرونزي) و (عصور ما قبل التاريخ -العصر الحديدي)
الملتقطات السطحية :		طبو غر افية : الموقع	تلال و اودية
وصف الموقع :	анна. Наза Н	المخططات : المتوفرة	

متر مع2 كم شرق مدينة ذهيبة، وتعتبر الملامح المميزة للموقع هي الصور البقرية الكبيرة، والتي يبلغ طولها حوالي 3.5يقع موقع منشاف على بعد حوالي زخارف هيكلية أنيقة وأنماط هندسية منقوشة بمهارة عاليه وامتياز على الجسم

قطاع الآثار والمتاحف الإدارة العامة لتسجيل وحماية الآثار إدارة سجل الآثار التاريخ : 1441/06/29 الموافق : 2020/02/23 معد التقرير :-Mesfer H. Al Qahtani (RP) مسفر القحطاني



موقع منشاف بمحافظة ثار في منطقة نجران



قطاع الآثار والمتاحف الإدارة العامة لتسجيل وحماية الآثار إدارة سجل الآثار التاريخ : 1441/06/29 الموافق : 2020/02/23 معد التقرير :-Mesfer H. Al Qahtani (RP) مسفر القحطاني



موقع منشاف بمحافظة ثار في منطقة نجران

المرفقات

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NAME	UISITION_DATE	N_WGS84	E_WGS84	Picture
AMD01	Before-2016		44.52790700000	LINKE 1
DBA01	Before-2016	18.30303000000	44.51506100000	LINKE 2
DBA02	Before-2016	18.30155583500	44.51822322700	LINKE 3
DBA03	2016	18.30026585600	44.52211674100	LINKE 4
DBA04	2016	18.29978401500	44.52473414800	LINKE 5
DBA05	2016	18.29828200000	44.53666500000	LINKE 6
DBA06	2016	18.29940300000	44.53733800000	LINKE 7
DBA07	2016	18.30097300000	44.52610900000	LINKE 8
DBA08	2016	18.29467700000	44.55140400000	LINKE 9
DBA09	2016	18.29697000000	44.55339300000	LINKE 10
HIM01	Before-2016	18.24417000000	44.46282000000	LINKE 11
HIM02	Before-2016	18.24923000000	44.45184000000	LINKE 12
HIM03	Before-2016	18.24444923300	44.45417483500	LINKE 13
HIM04	Before-2016	18.23982038800	44.45240967200	LINKE 14
HIM05	Before-2016	18.21024000000	44.47470000000	LINKE 15
HIM06	Before-2016	18.20773000000	44.47520300000	LINKE 16
HIM07	Before-2016	18.20787000000	44.47335000000	LINKE 17
HIM08	Before-2016	18.20930000000	44.47973000000	LINKE 18
HIM09	Before-2016	18.21029000000	44.47186000000	LINKE 19
HIM10	Before-2016	18.19839000000	44.47593000000	
HIM11	Before-2016	18.19703000000	44.47505000000	LINKE 21
HIM12	Before-2016	18.20391000000	44.47126000000	LINKE 22
HJB01	Before-2016	18.27304000000	44.40032000000	LINKE 23
HLK01	Before-2016	18.50263964500	44.62967073400	LINKE 24
HLK02	Before-2016	18.49860000000		LINKE 25
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KSB01	Before-2016	18.49854000000	44.6210000000	
KSB02	Before-2016	18.49398000000	44.62575000000	
MDF01	Before-2016	18.54181000000	45.38847000000	
MDF02	Before-2016	18.54382000000	45.39201000000	
MDF03	Before-2016	18.54603000000	45.39362000000	
MDF04	Before-2016	18.54748000000	45.3947000000	
MDF05	Before-2016 Before-2016	18.54931000000 18.54844000000	45.39563000000	
MDF06		18.56864000000	45.39333000000	
MDF18	Before-2016 Before-2016	18.48912000000	45.37874000000 44.49328000000	
MRY01	Before-2016	18.49060000000	44.5062600000	
MRY02 MRY03	Before-2016	18.46543000000	44.50143000000	
MRY04	Before-2016	18.48305000000	44.47302000000	
MRY04 MRY05	Before-2016 Before-2016	18.49879000000	44.45628000000	
MRY06	Before-2016	18.49583020000	44.45445997000	
MRY07	Before-2016	18.49817000000	44.52200100000	
MRY08	Before-2016	18.47068020000	44.51071990000	
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MRY09	Before-2016	18.48499000000	44.49984000000 LINKE 47
MRY10	Before-2016	18.48900000000	44.49974000000 LINKE 48
MRY11	Before-2016	18.48974000000	44.49056000000 LINKE 49
MRY12	Before-2016	18.49091000000	44.49472000000 LINKE 50
MRY13	Before-2016	18.47483000000	44.49838000000 LINKE 51
MRY14	Before-2016	18.48730500000	44.49442000000 LINKE 52
MRY15	Before-2016	18.47783900000	44.49858600000 LINKE 53
IBD02	Before-2016	18.31671000000	44.54533000000 LINKE 54
MSM01	Before-2016	18.42355000000	44.42541000000 LINKE 55
NMA01	Before-2016	18.62873001000	44.37445003000 LINKE 56
NMA01 NMA02	Before-2016	18.63864998000	44.37653990000 LINKE 57
NMA02	2016	18.61872880100	44.37753959100 LINKE 58
			44.48955426100 LINKE 59
SAD01	2016	18.30941648600	
SAD02	2016	18.31712594000	44.48028864000 LINKE 60
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SAD05	2016	18.35442081900	44.49790854900 LINKE 63
SAD06	2016	18.35387354300	44.51061487000 LINKE 64
SAD07	2016	18.35073265400	44.51589727400 LINKE 65
SAD08	2016	18.34749658700	44.51906195700 LINKE 66
SAD09	2016	18.35147742500	44.52395174900 LINKE 67
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SAD11	2016	18.34654004400	44.52995988800 LINKE 69
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SAD16	2016	18.34827200000	44.54742300000 LINKE 74
SHA01	Before-2016	18.42249000000	44.57168997000 LINKE 75
SMA01	Before-2016	18.35456990000	44.51903997000 LINKE 76
SMA02	Before-2016	18.35687010000	44.52900030000 LINKE 77
SMA03	Before-2016	18.36052001000	44.53031000000 LINKE 78
SMA04	Before-2016	18.37351000000	44.57719000000 LINKE 79
SMA05	Before-2016	18.37178200000	44.54984200000 LINKE 80
SMA06	Before-2016	18.37088900000	44.54424000000 LINKE 81
SMA07	Before-2016	18.37120400000	44.54851800000 LINKE 82
SMA08	Before-2016	18.37089200000	44.54692900000 LINKE 83
SMA09	Before-2016	18.35337300000	44.55041900000 LINKE 84
SMA10	Before-2016	18.35586700000	44.54981900000 LINKE 85
SMA11	2016	18.35554800000	44.52836100000 LINKE 86
SMA12	2016	18.37267300000	44.54449500000 LINKE 87
SMA13	2016	18.35230300000	44.54752800000 LINKE 88
SMA13	2016	18.35878400000	44.54813900000 LINKE 89
SMA15	2016	18.36246000000	44.51710500000 LINKE 90
SMA15	2010	18.36334300000	44.51518200000 LINKE 91
SMA10 SMA17	2010	18.36379100000	44.54222600000 LINKE 92
SMA17 SMA18	2010	18.36742100000	44.54812900000 LINKE 93
JIVIATO	2010	10.30742100000	-+.5+012300000 ENVICE 33

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CN4410	2016	18.36775200000	44.54985400000 LINKE 94
SMA19			
SMA20	2016	18.36872700000	44.55371300000 LINKE 95
SSA01	Before-2016	18.44227010000	44.59145020000 LINKE 96
SSA02	Before-2016	18.44886990000	44.58729030000 LINKE 97
SSA03	Before-2016	18.44679000000	44.59878000000 LINKE 98
SYB01	Before-2016	18.59425000000	44.38181000000 LINKE 99
SYB02	Before-2016	18.58508001000	44.37561998000 LINKE 100
SYB03	2016	18.57910377000	44.38398440800 LINKE 101
SYB04	2016	18.58207199900	44.38242652900 LINKE 102
TUR01	Before-2016	18.44646000000	44.48108000000 LINKE 103
UNK01	Before-2016	18.53912000000	44.37143000000 LINKE 104
ad-Durayb 1	Before-2016	17.52670000000	44.24825000000 LINKE 105
ad-Durayb 2	Before-2016	17.52320000000	44.26096000000 LINKE 106
Al-?amda' - C	Before-2016	19.04196000000	43.57940000000 LINKE 107
Al-?amda' - Ji	Before-2016	19.05313990000	43.59463998000 LINKE 108
Al-?amda' - V	Before-2016	19.02278010000	43.60696010000 LINKE 109
al-Murakkab	Before-2016	17.53211000000	44.44344000000 LINKE 110
al-Qa?ima	Before-2016	18.47036000000	44.20836000000 LINKE 111
al-Qa?ima	Before-2016	18.47036000000	44.20836000000 LINKE 112
Dharwa?	Before-2016	17.47034000000	44.22059000000 LINKE 113
Dharwa?	Before-2016	17.47034000000	44.22059000000 LINKE 114
Murayghan	Before-2016	19.05352000000	43.78033000000 LINKE 115
Qarn az-Za?fa	Before-2016	17.52383000000	44.26434000000 LINKE 116
	Before-2016	17.52342000000	44.26650000000 LINKE 117
Qarn az-Za?fi			
Ukhdud al-Ja	Before-2016	17.46902500000	
Umm al-Aydi	Before-2016	18.05615000000	44.13598000000 LINKE 119
BYD01	Feb-17	18.37217303900	44.49574695900 LINKE 120
BYD02	Feb-17	18.37499416800	44.49282319800 LINKE 121
BYD03	Feb-17	18.37608524500	44.48850343300 LINKE 122
BYD04	Feb-17	18.38093156100	44.47266128200 LINKE 123
BYD05	Feb-17	18.38685222200	44.46646150200 LINKE 124
BYD06	Feb-17	18.38646317700	44.46310201700 LINKE 125
BYD07	Feb-17	18.40317790300	44.48065056400 LINKE 126
BYD08	Feb-17	18.40280248000	44.48550858000 LINKE 127
BYD11	Feb-17	18.40462078900	44.49285960600 LINKE 128
BYD12	Feb-17	18.40539646600	44.49565979800 LINKE 129
BYD13	Feb-17	18.40812103700	44.50065093300 LINKE 130
BYD14	Feb-17	18.41107846900	44.50487464500 LINKE 131
BYD10	Feb-17	18.39986294900	44.48804512300 LINKE 132
BYD09	Feb-17	18.40209911200	44.48609766000 LINKE 133
ZGT01.1	1-Apr-17	18.59407400000	44.58111700000 LINKE 134
ZGT01.2	1-Apr-17	18.59410700000	44.58129400000 LINKE 135
ZGT01.3	1-Apr-17	18.59458900000	44.58201700000 LINKE 136
ZGT01.4	1-Apr-17	18.59468100000	44.58211400000 LINKE 137
ZGT01.5	1-Apr-17	18.59471600000	44.58212300000 LINKE 138
ZGT01.7	1-Apr-17	18.59463710500	44.58222071700 LINKE 139
ZGT01.6	1-Apr-17	18.59464400000	44.58205800000 LINKE 140
20101.0	τ ∽hι₋τι	10.00404400000	

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ZGT01.8	1-Apr-17	18.59363400000	44.58276800000 L	INKE 141
ZGT01.9	1-Apr-17	18.59360371200	44.58275828400 L	INKE 142
ZGT01.10	1-Apr-17	18.59358000000	44.58282000000 L	INKE 143
ZGT01.11	1-Apr-17	18.59377600000	44.58215200000 L	INKE 144
ZGT01.12	1-Apr-17	18.59377800000	44.58192100000 L	INKE 145
ZGT02.1	1-Apr-17	18.58838700000	44.58217900000 L	INKE 146
ZGT02.2	1-Apr-17	18.58859600000	44.58228600000 L	INKE 147
ZGT03.1	1-Apr-17	18.58427800000	44.58333600000 L	INKE 148
ZGT03.2	1-Apr-17	18.58381000000	44.58344600000 L	INKE 149
ZGT04.1	1-Apr-17	18.58985900000	44.58987300000 L	INKE 150
ZGT04.2	1-Apr-17	18.58991400000	44.59001800000 L	INKE 151
ZGT04.3	1-Apr-17	18.58898500000	44.59002700000 L	INKE 152
ZGT04.4	1-Apr-17	18.58900800000	44.58978100000 L	INKE 153
ZGT04.5	1-Apr-17	18.58900800000	44.58978300000 L	INKE 154
ZGT04.6	1-Apr-17	18.58916100000	44.58954000000 L	INKE 155
ZGT05.G1	1-Apr-17	18.58648400000	44.59041100000 L	INKE 156
ZGT05.1	1-Apr-17	18.58647800000	44.59083300000 L	INKE 157
ZGT03.3	1-Apr-17	18.58226000000	44.58912700000 L	INKE 158
ZGT03.4	1-Apr-17	18.58200600000	44.58925900000 LI	INKE 159
ZGT03.05	2-Apr-17	18.58179600000	44.58935900000 LI	INKE 160
ZGT03.06	2-Apr-17	18.58172100000	44.58943800000 LI	INKE 161
ZGT03.07	2-Apr-17	18.58210900000	44.58908600000 LI	INKE 162
ZGT03.08	2-Apr-17	18.58204900000	44.58883600000 LI	INKE 163
ZGT03.09	2-Apr-17	18.58177900000	44.58915300000 LI	INKE 164
ZGT03.10	2-Apr-17	18.58175100000	44.58931500000 L	INKE 165
ZGT03.11	2-Apr-17	18.58087900000	44.58905200000 LI	INKE 166
ZGT03.12	2-Apr-17	18.58096200000	44.58901400000 LI	INKE 167
ZGT03.13	2-Apr-17	18.58105100000	44.58805200000 LI	INKE 168
ZGT03.14	2-Apr-17	18.58092600000		INKE 169
ZGT03.15	2-Apr-17	18.57954400000	44.58732700000 LI	INKE 170
ZGT03.16	2-Apr-17	18.57942700000		INKE 171
ZGT03.17	2-Apr-17	18.57933600000		INKE 172
ZGT03.18	2-Apr-17	18.57836100000		INKE 173
ZGT03.19	2-Apr-17	18.57763600000		INKE 174
ZGT03.20	2-Apr-17	18.58102600000		INKE 175
ZGT03.21	2-Apr-17	18.57829200000	44.58052500000 LI	
ZGT03.22	2-Apr-17	18.57820000000	44.58060700000 LI	
ZGT03.23	2-Apr-17	18.58236800000	44.57807800000 LI	
ZGT03.24	2-Apr-17	18.58394400000		INKE 179
ZGT03.25	2-Apr-17	18.58421100000		INKE 180
ZGT03.26	2-Apr-17	18.58448600000		NKE 181
ZGT06.01	2-Apr-17	18.57684000000		NKE 182
ZGT06.02	2-Apr-17	18.57948300000	44.56927400000 LI	
ZGT07.01	2-Apr-17	18.57628800000		NKE 184
ZGT07.02	2-Apr-17	18.57625400000		NKE 185
ZGT07.03	2-Apr-17	18.57587800000		INKE 186
ZGT07.04	2-Apr-17	18.57579400000	44.57916500000 LI	NKE 187

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ZGT07.05	2-Apr-17	18.57532700000	44.57871200000	LINKE 188
ZGT07.06	2-Apr-17	18.57519300000	44.57857700000	LINKE 189
ZGT07.16	3-Apr-17	18.57726797500	44.57682302200	LINKE 190
ZGT07.19	3-Apr-17	18.57692004200	44.57848004100	LINKE 191
ZGT07.07	3-Apr-17	18.57348999900	44.57514303700	LINKE 192
ZGT07.08	3-Apr-17	18.57346703300	44.57521897700	LINKE 193
ZGT07.09	3-Apr-17	18.57376702100	44.57492502400	LINKE 194
ZGT07.10	3-Apr-17	18.57379099400	44.57474003500	LINKE 195
ZGT07.11	3-Apr-17	18.57210396800	44.57175599400	LINKE 196
ZGT07.12	3-Apr-17	18.57421000500	44.57041899700	LINKE 197
ZGT07.13	3-Apr-17	18.57636700400	44.57238497200	LINKE 198
ZGT07.14	3-Apr-17	18.57600398400		LINKE 199
ZGT07.15	3-Apr-17	18.57767198200		LINKE 200
ZGT07.17	3-Apr-17	18.57624404100		LINKE 201
ZGT07.18	3-Apr-17	18.57588999000		LINKE 202
ZGT08.01	3-Apr-17	18.57301197900	44.55789299700	
ZGT08.02	3-Apr-17	18.57304098100		LINKE 204
ZGT08.02 ZGT08.03	3-Apr-17 3-Apr-17	18.57309202700	44.55776601100	
ZGT08.03 ZGT08.04	3-Apr-17 3-Apr-17	18.56682001600	44.55394696400	LINKE 205
	3-Apr-17 3-Apr-17	18.56731798500	44.55418802800	
ZGT08.05 ZGT08.06	•	18.56165299200	44.54840602400	LINKE 207
	3-Apr-17		44.54700398300	LINKE 208
ZGT08.07	3-Apr-17	18.55872896500		
ZGT08.08	3-Apr-17	18.55842101400	44.54523598800	LINKE 210 LINKE 211
ZGT08.09	3-Apr-17	18.55675100300	44.55472597900	
ZGT08.10	3-Apr-17	18.55694083200		LINKE 212
ZGT08.11	3-Apr-17	18.55616997000	44.55363901300	LINKE 213
ZGT08.12	3-Apr-17	18.55645897800		LINKE 214
ZGT08.13	3-Apr-17	18.55499097100	44.55408702600	LINKE 215
ZGT08.14	3-Apr-17	18.52622604000		LINKE 216
JWZ01.01	4-Apr-17	18.26651900000	44.47450700000	
JWZ01.02	4-Apr-17	18.26755800000	44.47450700000	
JWZ01.03	4-Apr-17	18.26775600000		LINKE 219
JWZ01.04	4-Apr-17	18.26697200000	44.47376000000	
DBA01.02	4-Apr-17	18.30267300000	44.51516700000	
SAD06.02	5-Apr-17	18.35355000000	44.51014500000	LINKE 222
SAD06.03	5-Apr-17	18.35433000000		LINKE 223
SAD06.04	5-Apr-17	18.35414600000		LINKE 224
SAD07.02	5-Apr-17	18.35056000000		LINKE 225
SAD07.03	5-Apr-17	18.35053800000	44.51489100000	LINKE 226
SAD07.04	5-Apr-17	18.35119000000	44.51522400000	LINKE 227
SAD07.05	5-Apr-17	18.35123600000	44.51495300000	LINKE 228
SAD07.06	5-Apr-17	18.35151400000	44.51495500000	LINKE 229
SMA20.02	6-Apr-17	18.36877400000	44.55373200000	LINKE 230
SMA20.03	6-Apr-17	18.36858295700	44.55366512000	LINKE 231
SMA20.04	6-Apr-17	18.36913200000	44.55374500000	LINKE 232
SMA20.05	6-Apr-17	18.36916600000	44.55381900000	LINKE 233
SMA20.06	6-Apr-17	18.36914400000	44.55380900000	LINKE 234

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SMA20.07	6-Apr-17	18.36935998200	44.55375497200 LINKE 235
SMA20.09	6-Apr-17	18.36919300000	44.55387900000 LINKE 236
SMA20.10	6-Apr-17	18.36920000000	44.55389800000 LINKE 237
SMA20.08	6-Apr-17	18.36918000000	44.55380300000 LINKE 238
		18.36921800000	
SMA20.11	6-Apr-17		44.55393800000 LINKE 239
SMA20.12	6-Apr-17	18.36919800000	44.55400100000 LINKE 240
SMA20.13	6-Apr-17	18.36919400000	44.55398700000 LINKE 241
SMA20.14	6-Apr-17	18.36920000000	44.55406200000 LINKE 242
SMA20.15	6-Apr-17	18.36874800000	44.55433800000 LINKE 243
SMA20.16	6-Apr-17	18.36863201600	44.55433520300 LINKE 244
SMA20.17	6-Apr-17	18.36840000000	44.55450500000 LINKE 245
MRY07.02	6-Apr-17	18.49854400000	44.52299300000 LINKE 246
MRY07.03	6-Apr-17	18.49840300000	44.52303800000 LINKE 247
MRY07.04	6-Apr-17	18.49820600000	44.52283300000 LINKE 248
MRY07.05	6-Apr-17	18.49794800000	44.52275800000 LINKE 249
	•		
MRY07.06	6-Apr-17	18.49792000000	44.52259300000 LINKE 250
MRY07.07	6-Apr-17	18.49792400000	44.52251500000 LINKE 251
MRY07.08	6-Apr-17	18.49841600000	44.52277900000 LINKE 252
MRY07.09	6-Apr-17	18.49826600000	44.52197600000 LINKE 253
MRY07.10	6-Apr-17	18.49834400000	44.52217200000 LINKE 254
ZGT08.15	8-Apr-17	18.55193300000	44.54971800000 LINKE 255
ZGT08.16	8-Apr-17	18.55197600000	44.5496000000 LINKE 256
ZGT08.17	8-Apr-17	18.54949300000	44.54973000000 LINKE 257
ZGT08.18	8-Apr-17	18.54938100000	44.54992900000 LINKE 258
ZGT08.19	8-Apr-17	18.54907000000	44.55024800000 LINKE 259
ZGT08.20	8-Apr-17	18.54881300000	44.55055600000 LINKE 260
ZGT08.20 ZGT08.21			
	8-Apr-17	18.54803500000	44.55114900000 LINKE 261
ZGT08.22	8-Apr-17	18.54818000000	44.55138000000 LINKE 262
ZGT08.23	8-Apr-17	18.54795000000	44.55109200000 LINKE 263
ZGT08.24	8-Apr-17	18.54643600000	44.55363300000 LINKE 264
ZGT08.25	8-Apr-17	18.54647500000	44.55325300000 LINKE 265
ZGT08.26	8-Apr-17	18.54654600000	44.55298200000 LINKE 266
ZGT08.27	8-Apr-17	18.54652100000	44.55243900000 LINKE 267
ZGT08.28	8-Apr-17	18.54652100000	44.55220900000 LINKE 268
ZGT08.29	8-Apr-17	18.54651100000	44.55223200000 LINKE 269
ZGT08.30	8-Apr-17	18.54653900000	44.55223800000 LINKE 270
ZGT08.31	8-Apr-17	18.54636200000	44.55188300000 LINKE 271
ZGT08.32	8-Apr-17	18.54638700000	44.55196500000 LINKE 272
	•		
ZGT08.33	8-Apr-17	18.54622600000	44.55214200000 LINKE 273
ZGT08.34	8-Apr-17	18.54535500000	44.55316500000 LINKE 274
ZGT08.35	8-Apr-17	18.54293300000	44.55312700000 LINKE 275
ZGT08.36	8-Apr-17	18.54243800000	44.55366700000 LINKE 276
ZGT08.37	8-Apr-17	18.53967300000	44.54873200000 LINKE 277
ZGT08.38	8-Apr-17	18.53631800000	44.54843700000 LINKE 278
ZGT08.39	8-Apr-17	18.53629500000	44.54846500000 LINKE 279
ZGT08.40	8-Apr-17	18.53631200000	44.54850000000 LINKE 280
MYR16.01	8-Apr-17	18.48622800000	44.49359800000 LINKE 281

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9-Apr-17	18.33107700000	44.46101700000	LINKE 282
9-Apr-17	18.33141900000	44.46057700000	LINKE 283
9-Apr-17	18.42422300000	44.53941200000	LINKE 284
9-Apr-17	18.42436100000	44.53942100000	LINKE 285
9-Apr-17	18.42475700000	44.53973700000	LINKE 286
9-Apr-17	18.42475500000	44.53973600000	LINKE 287
9-Apr-17	18.42633800000	44.54009600000	LINKE 288
9-Apr-17	18.42666000000	44.54030300000	LINKE 289
9-Apr-17	18.42673300000	44.54017500000	LINKE 290
9-Apr-17	18.42640500000	44.53986300000	LINKE 291
9-Apr-17	18.42610800000	44.53891800000	LINKE 292
9-Apr-17	18.42623000000	44.53879000000	LINKE 293
9-Apr-17	18.42668600000	44.53860200000	LINKE 294
9-Apr-17	18.42783700000	44.53916900000	LINKE 295
9-Apr-17	18.43037500000	44.53631400000	LINKE 296
9-Apr-17	18.43051800000	44.53611400000	LINKE 297
9-Apr-17	18.43067900000	44.53623500000	LINKE 298
9-Apr-17	18.43073800000	44.53623800000	LINKE 299
9-Apr-17	18.43079000000	44.53654900000	LINKE 300
9-Apr-17	18.43092800000	44.53649700000	LINKE 301
9-Apr-17	18.43090400000	44.53644200000	LINKE 302
9-Apr-17	18.43087200000	44.53651800000	LINKE 303
9-Apr-17	18.43104600000	44.53619500000	LINKE 304
9-Apr-17	18.43325400000	44.53397600000	LINKE 305
0 Apr 17	19 4251960000	44 52055200000	LINKE 206

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SAD17.01

SAD17.02

SHA02.01

SHA02.02

SHA02.03 SHA02.04

SHA02.05

SHA02.06

SHA02.07 SHA02.08

JIIA02.00	D-Whi-Ti	10.42040300000	44.55500500000	
SHA02.09	9-Apr-17	18.42610800000	44.53891800000	LINKE 292
SHA02.10	9-Apr-17	18.42623000000	44.53879000000	LINKE 293
SHA02.11	9-Apr-17	18.42668600000	44.53860200000	LINKE 294
SHA02.12	9-Apr-17	18.42783700000	44.53916900000	LINKE 295
SHA02.13	9-Apr-17	18.43037500000	44.53631400000	LINKE 296
SHA02.14	9-Apr-17	18.43051800000	44.53611400000	LINKE 297
SHA02.15	9-Apr-17	18.43067900000	44.53623500000	LINKE 298
SHA02.16	9-Apr-17	18.43073800000	44.53623800000	LINKE 299
SHA02.17	9-Apr-17	18.43079000000	44.53654900000	LINKE 300
SHA02.18	9-Apr-17	18.43092800000	44.53649700000	LINKE 301
SHA02.19	9-Apr-17	18.43090400000	44.53644200000	LINKE 302
SHA02.20	9-Apr-17	18.43087200000	44.53651800000	LINKE 303
SHA02.21	9-Apr-17	18.43104600000	44.53619500000	LINKE 304
SHA02.22	9-Apr-17	18.43325400000	44.53397600000	LINKE 305
SHA02.23	9-Apr-17	18.43518600000	44.53055200000	LINKE 306
SHA02.24	9-Apr-17	18.43525900000	44.53045000000	LINKE 307
SHA02.25	9-Apr-17	18.43522700000	44.53051800000	LINKE 308
SHA02.26	9-Apr-17	18.43784400000	44.52883300000	LINKE 309
SHA02.27	9-Apr-17	18.43833400000	44.52424400000	LINKE 310
SHA02.28	9-Apr-17	18.43744600000	44.51928800000	LINKE 311
SMA12.02	9-Apr-17	18.37257900000	44.54396000000	LINKE 312
SAD18.01	10-Apr-17	18.36274900000	44.48358400000	LINKE 313
SAD18.02	10-Apr-17	18.36255700000	44.48345300000	LINKE 314
SAD18.04	10-Apr-17	18.36274000000	44.48320700000	LINKE 315
SAD18.03	10-Apr-17	18.36272700000	44.48326800000	LINKE 316
SAD18.05	10-Apr-17	18.36196500000	44.48388500000	LINKE 317
SAD18.06	10-Apr-17	18.36195300000	44.48397100000	LINKE 318
SAD18.07	10-Apr-17	18.36190700000	44.48403700000	LINKE 319
SAD18.08	10-Apr-17	18.36189100000	44.48405000000	LINKE 320
SAD18.09	10-Apr-17	18.36151700000	44.48384300000	LINKE 321
SAD18.10	10-Apr-17	18.36008500000	44.48320600000	LINKE 322
SAD18.11	10-Apr-17	18.35990400000	44.48333600000	LINKE 323
SAD18.12	10-Apr-17	18.35969100000	44.48378100000	LINKE 324
SAD18.13	10-Apr-17	18.35960800000	44.48376300000	LINKE 325
SAD18.14	10-Apr-17	18.35970500000	44.48381300000	LINKE 326
SAD18.15	10-Apr-17	18.35982300000	44.48375100000	LINKE 327
SAD18.16	10-Apr-17	18.35959300000	44.48383500000	LINKE 328

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SAD18.17 10-Apr-17 18.3588530000 44.4835930000 LINKE 329 SAD18.19 10-Apr-17 18.358650000 44.4834310000 LINKE 331 SAD18.20 10-Apr-17 18.358650000 44.4831720000 LINKE 333 SAD18.21 10-Apr-17 18.3587650000 44.4821700000 LINKE 333 SAD18.21 10-Apr-17 18.3587520000 44.4821700000 LINKE 335 SAD18.23 10-Apr-17 18.3587520000 44.4821700000 LINKE 335 SAD18.25 10-Apr-17 18.3595540000 44.4812500000 LINKE 333 SAD18.26 10-Apr-17 18.3585600000 44.48127000000 LINKE 334 SAD18.27 10-Apr-17 18.358500000 44.48127000000 LINKE 343 SAD18.29 10-Apr-17 18.358500000 44.4814300000 LINKE 344 SAD18.21 10-Apr-17 18.3586200000 44.48143000000 LINKE 343 SAD18.21 10-Apr-17 18.3586200000 44.48143000000 LINKE 343 SAD18.31 10-Apr-17 18.3586200000 44.4810					
SAD18.19 10-Apr-17 18.3586690000 44.483140000 LINKE 331 SAD18.20 10-Apr-17 18.3586610000 44.4831720000 LINKE 332 SAD18.21 10-Apr-17 18.358650000 44.4822920000 LINKE 333 SAD18.23 10-Apr-17 18.3587520000 44.4822920000 LINKE 336 SAD18.24 10-Apr-17 18.3594520000 44.48129500000 LINKE 336 SAD18.25 10-Apr-17 18.3594550000 44.48129500000 LINKE 336 SAD18.26 10-Apr-17 18.358600000 44.48129500000 LINKE 340 SAD18.29 10-Apr-17 18.358600000 44.48129500000 LINKE 343 SAD18.20 10-Apr-17 18.358620000 44.4813000000 LINKE 344 SAD18.30 10-Apr-17 18.3586200000 44.4808800000 LINKE 344 SAD18.31 10-Apr-17 18.358620000 44.4809840000 LINKE 344 SAD18.31 10-Apr-17 18.393100000 44.4806200000 LINKE 344 BYD15.01 10-Apr-17 18.393100000 44.48106200	SAD18.17	10-Apr-17	18.35885300000	44.48359300000	LINKE 329
SAD18.20 10-Apr-17 18.3585610000 44.4831720000 LINKE 332 SAD18.21 10-Apr-17 18.3587860000 44.4822920000 LINKE 333 SAD18.22 10-Apr-17 18.3587520000 44.4821700000 LINKE 333 SAD18.23 10-Apr-17 18.3594520000 44.4812950000 LINKE 337 SAD18.25 10-Apr-17 18.3594520000 44.4812950000 LINKE 337 SAD18.26 10-Apr-17 18.359450000 44.48127000000 LINKE 338 SAD18.27 10-Apr-17 18.358500000 44.48127000000 LINKE 342 SAD18.28 10-Apr-17 18.3585700000 44.48127000000 LINKE 342 SAD18.31 10-Apr-17 18.3585700000 44.4808890000 LINKE 342 SAD18.31 10-Apr-17 18.3585720000 44.48058600000 LINKE 343 SAD18.32 10-Apr-17 18.3931800000 44.4810300000 LINKE 343 SAD18.32 10-Apr-17 18.3931800000 44.4810800000 LINKE 346 BYD15.01 10-Apr-17 18.3931800000 44.48	SAD18.18	10-Apr-17	18.35865100000	44.48348300000	LINKE 330
SAD18.20 10-Apr-17 18.3585610000 44.4831720000 LINKE 332 SAD18.21 10-Apr-17 18.3587860000 44.4822920000 LINKE 333 SAD18.22 10-Apr-17 18.3587520000 44.4821700000 LINKE 333 SAD18.23 10-Apr-17 18.3594520000 44.4812950000 LINKE 337 SAD18.25 10-Apr-17 18.3594520000 44.4812950000 LINKE 337 SAD18.26 10-Apr-17 18.359450000 44.48127000000 LINKE 338 SAD18.27 10-Apr-17 18.358500000 44.48127000000 LINKE 342 SAD18.28 10-Apr-17 18.3585700000 44.48127000000 LINKE 342 SAD18.31 10-Apr-17 18.3585700000 44.4808890000 LINKE 342 SAD18.31 10-Apr-17 18.3585720000 44.48058600000 LINKE 343 SAD18.32 10-Apr-17 18.3931800000 44.4810300000 LINKE 343 SAD18.32 10-Apr-17 18.3931800000 44.4810800000 LINKE 346 BYD15.01 10-Apr-17 18.3931800000 44.48	SAD18.19	10-Apr-17	18.35866900000	44.48331400000	LINKE 331
SAD18.21 10-Apr-17 18.3586860000 44.48237100000 LINKE 333 SAD18.22 10-Apr-17 18.3587520000 44.4821700000 LINKE 334 SAD18.23 10-Apr-17 18.3597520000 44.4821700000 LINKE 335 SAD18.24 10-Apr-17 18.3594520000 44.4819100000 LINKE 333 SAD18.25 10-Apr-17 18.3594650000 44.48129500000 LINKE 339 SAD18.26 10-Apr-17 18.3595400000 44.48127000000 LINKE 339 SAD18.28 10-Apr-17 18.3581200000 44.48155600000 LINKE 343 SAD18.30 10-Apr-17 18.3581200000 44.4805800000 LINKE 344 SAD18.31 10-Apr-17 18.358220000 44.4805800000 LINKE 344 BVD15.01 10-Apr-17 18.393100000 44.48106200000 LINKE 344 BVD15.02 10-Apr-17 18.3931800000 44.48106200000 LINKE 344 BVD15.04 10-Apr-17 18.39410700000 44.4810700000 LINKE 345 BVD15.05 10-Apr-17 18.387400000 44.	SAD18.20	•	18.35856100000	44.48317200000	LINKE 332
SAD18.22 10-Apr-17 18.3587860000 44.4822920000 LINKE 334 SAD18.23 10-Apr-17 18.3587520000 44.4819500000 LINKE 335 SAD18.24 10-Apr-17 18.3594520000 44.4819500000 LINKE 335 SAD18.25 10-Apr-17 18.3595540000 44.48129500000 LINKE 339 SAD18.26 10-Apr-17 18.3595540000 44.48129500000 LINKE 340 SAD18.28 10-Apr-17 18.358500000 44.4812500000 LINKE 340 SAD18.29 10-Apr-17 18.3585770000 44.4803800000 LINKE 343 SAD18.30 10-Apr-17 18.3585770000 44.4803800000 LINKE 344 SAD18.31 10-Apr-17 18.3585770000 44.4803800000 LINKE 344 BVD15.01 10-Apr-17 18.3931000000 44.4813000000 LINKE 344 BVD15.03 10-Apr-17 18.39311000000 44.48109700000 LINKE 345 BVD15.05 10-Apr-17 18.387770000 44.4810920000 LINKE 345 BVD15.06 10-Apr-17 18.3877700000 44.48		•			
SAD18.23 10-Apr-17 18.3587520000 44.4811700000 LINKE 335 SAD18.24 10-Apr-17 18.3594520000 44.4819540000 LINKE 337 SAD18.25 10-Apr-17 18.359450000 44.4819500000 LINKE 337 SAD18.26 10-Apr-17 18.359540000 44.481260000 LINKE 339 SAD18.27 10-Apr-17 18.359540000 44.481260000 LINKE 339 SAD18.28 10-Apr-17 18.3585800000 44.481260000 LINKE 340 SAD18.29 10-Apr-17 18.358570000 44.480860000 LINKE 342 SAD18.31 10-Apr-17 18.358570000 44.480860000 LINKE 343 SAD18.32 10-Apr-17 18.358570000 44.480860000 LINKE 343 BYD15.01 10-Apr-17 18.393100000 44.4810620000 LINKE 343 BYD15.02 10-Apr-17 18.393180000 44.4810620000 LINKE 346 BYD15.05 10-Apr-17 18.393180000 44.481800000 LINKE 345 BYD15.05 10-Apr-17 18.393180000 44.481800000 LINKE 345 BYD15.05 10-Apr-17 18.395090000 44.4852090000 LINKE 355 BYD15.07					
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BYD15.0810-Apr-1718.390509000044.48487300000LINKE 352BYD15.0910-Apr-1718.387650000044.4875880000LINKE 353BYD15.1010-Apr-1718.389777000044.4924370000LINKE 354BYD15.1110-Apr-1718.385462000044.47935500000LINKE 355BYD15.1210-Apr-1718.37348000044.55735300000LINKE 357SMA24.0111-Apr-1718.37348000044.5574236400LINKE 358SMA24.0211-Apr-1718.37948000044.5575080000LINKE 359SMA24.0411-Apr-1718.3702000044.5573680000LINKE 360SMA24.0511-Apr-1718.375072000044.5531680000LINKE 362SMA24.0611-Apr-1718.377504000044.5528200000LINKE 363SMA24.0911-Apr-1718.377976000044.55561600000LINKE 364SMA24.0911-Apr-1718.378267000044.55561600000LINKE 364SMA24.1011-Apr-1718.378257000044.55561600000LINKE 366SMA24.1111-Apr-1718.378257000044.55561600000LINKE 367SMA24.1211-Apr-1718.378267000044.55561600000LINKE 367SMA24.1111-Apr-1718.378257000044.55561600000LINKE 368SMA24.1211-Apr-1718.378257000044.55561600000LINKE 368SMA24.1311-Apr-1718.37838000044.5558000000LINKE 367SMA24.1211-Apr-1718.37838000044.55561600000LINKE 368SMA24.13 <td>BYD15.06</td> <td>10-Apr-17</td> <td>18.38872700000</td> <td>44.48528700000</td> <td>LINKE 350</td>	BYD15.06	10-Apr-17	18.38872700000	44.48528700000	LINKE 350
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SMA24.18 12-Apr-17 18.38155402300 44.55586910600 LINKE 374		•			
SMA24.19 12-Apr-17 18.38184900000 44.55539900000 LINKE 375					
	SIMA24.19	12-Apr-17	18.38184900000	44.55539900000	LINKE 375

 $x \stackrel{\mathrm{der}}{=} y = x_{\mathrm{er}}$

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SMA24.20	12-Apr-17	18.38339200000	44.55011500000 LINKE 376
SMA24.21	12-Apr-17	18.38370200000	44.55007600000 LINKE 377
SMA24.22	12-Apr-17	18.38401900000	44.54986000000 LINKE 378
SMA24.23	12-Apr-17	18.38422200000	44.54982800000 LINKE 379
SMA24.24	12-Apr-17	18.38607100000	44.54925600000 LINKE 380
SMA24.25	12-Apr-17	18.38498200000	44.55140400000 LINKE 381
SMA24.26	12-Apr-17	18.38451500000	44.55538600000 LINKE 382
SMA24.27	12-Apr-17	18.38490400000	44.55496500000 LINKE 383
SMA24.28	12-Apr-17	18.38778600000	44.55248100000 LINKE 384
SMA24.29	12-Apr-17	18.38908100000	44.55185100000 LINKE 385
SMA24.30	12-Apr-17	18.39520100000	44.54841600000 LINKE 386
SMA24.30	12-Apr 17 12-Apr-17	18.39819700000	44.54604000000 LINKE 387
SMA24.31	12-Apr-17 12-Apr-17	18.39819700000	44.54596100000 LINKE 388
SMA24.32	12-Apr-17 12-Apr-17	18.39823800000	44.54593200000 LINKE 388
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SMA24.34	12-Apr-17	18.39828500000	
SMA24.35	12-Apr-17	18.39826800000	44.54612600000 LINKE 391
SMA24.36	12-Apr-17	18.39863000000	44.54604800000 LINKE 392
SMA24.37	12-Apr-17	18.39875300000	44.54589900000 LINKE 393
SMA24.38	12-Apr-17	18.39932300000	44.54610700000 LINKE 394
SMA24.39	12-Apr-17	18.39945100000	44.54618200000 LINKE 395
SMA24.40	12-Apr-17	18.39948600000	44.54611700000 LINKE 396
SMA24.41	13-Apr-17	18.40238500000	44.54436800000 LINKE 397
SMA24.42	13-Apr-17	18.40172200000	44.54398600000 LINKE 398
SMA24.43	13-Apr-17	18.40396700000	44.54564800000 LINKE 399
SMA24.44	13-Apr-17	18.40454500000	44.54565300000 LINKE 400
SMA24.45	13-Apr-17	18.40459300000	44.54550700000 LINKE 401
SMA24.46	13-Apr-17	18.40453200000	44.54541400000 LINKE 402
SMA24.47	13-Apr-17	18.40399300000	44.54474300000 LINKE 403
SMA24.48	13-Apr-17	18.40696700000	44.54476400000 LINKE 404
SMA24.49	13-Apr-17	18.40727300000	44.54460000000 LINKE 405
SMA24.50	13-Apr-17	18.40994300000	44.54413500000 LINKE 406
SMA24.51	13-Apr-17	18.41033100000	44.54433600000 LINKE 407
SMA24.52	13-Apr-17	18.41063500000	44.54425400000 LINKE 408
SMA24.53	13-Apr-17	18.41010300000	44.54374000000 LINKE 409
SMA24.54	13-Apr-17	18.40955900000	44.54298300000 LINKE 410
SMA24.55	13-Apr-17	18.41008600000	44.54290700000 LINKE 411
SMA24.56	13-Apr-17	18.41040000000	44.54299200000 LINKE 412
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SMA24.58	13-Apr-17	18.41136200000	44,54326100000 LINKE 414
SMA24.59	13-Apr-17	18.41199500000	44.54323300000 LINKE 415
SMA24.60	13-Apr-17	18.41235200000	44.54322900000 LINKE 416
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SMA24.62	13-Apr-17 13-Apr-17	18.41238000000	44.54277200000 LINKE 418
SMA24.63	13-Apr-17 13-Apr-17	18.41192200000	44.54258400000 LINKE 419
SMA24.63	13-Apr-17 13-Apr-17	18.40913400000	44.54264400000 LINKE 420
SMA24.65	13-Apr-17 13-Apr-17	18.40910100000	44.54263900000 LINKE 420
SMA24.65	13-Apr-17 13-Apr-17	18.39344600000	44.54592400000 LINKE 421
JIVIA24.00	12-4hi-17	10.33344000000	44.54552400000 LINKE 422

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27-Mar-17	18.35349898800	44.55019002800	LINKE 444
27-Mar-17	18.35328801500	44.55031500200	LINKE 445
27-Mar-17	18.35318299000	44.55040896300	LINKE 446
27- Mar-17	18.35722901900	44.55072898400	LINKE 447
27-Mar-17	18.35807098100	44.55184402900	LINKE 448
27- Mar-17	18.35833501100	44.55171201400	LINKE 449
27 -Mar-17	18.35854497700	44.55142300600	LINKE 450
27- Mar-17	18.35867900400	44.55175400700	LINKE 451
27-Mar-17	18.36714698900	44.54977696800	LINKE 452
27-Mar-17	18.36902897800	44.55658701200	LINKE 453
27-Mar-17	18.36920011700	44.55655302000	LINKE 454
27 84 17	10 200000000	44 55726002000	

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SMA21.2	27-Mar-17	18.36920011700	44.55655302000	LINKE 454
SMA21.3	27-Mar- 17	18.36895898900	44.55736803800	LINKE 455
SMA21.4	27-Mar-17	18.36810797500	44.55623203900	LINKE 456
SMA22	27-Mar-17	18.36192900300	44.54840803500	LINKE 457
SMA10.10	28-Mar-17	18.35271603400	44.55450100800	LINKE 458
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SMA10.13	28-Mar-17	18.35471998000	44.55479797900	LINKE 461
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SMA10.16	28-Mar-17	18.35188496900	44.55818099900	LINKE 464
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SMA10.20	28-Mar-17	18.35049298600	44.55845600900	LINKE 468
SMA10.21	28-Mar-17	18.34757600000	44.56171598300	LINKE 469

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SMA24.67

SMA24.68

SMA24.69

SMA24.70

SMA24.71

SMA24.72

SMA24.73

SMA24.74

SMA24.75

SMA24.76

SMA24.77

SMA24.78

SMA24.79

DBA10

HJB02

HJB03

HJB04

HJB05

HJB01

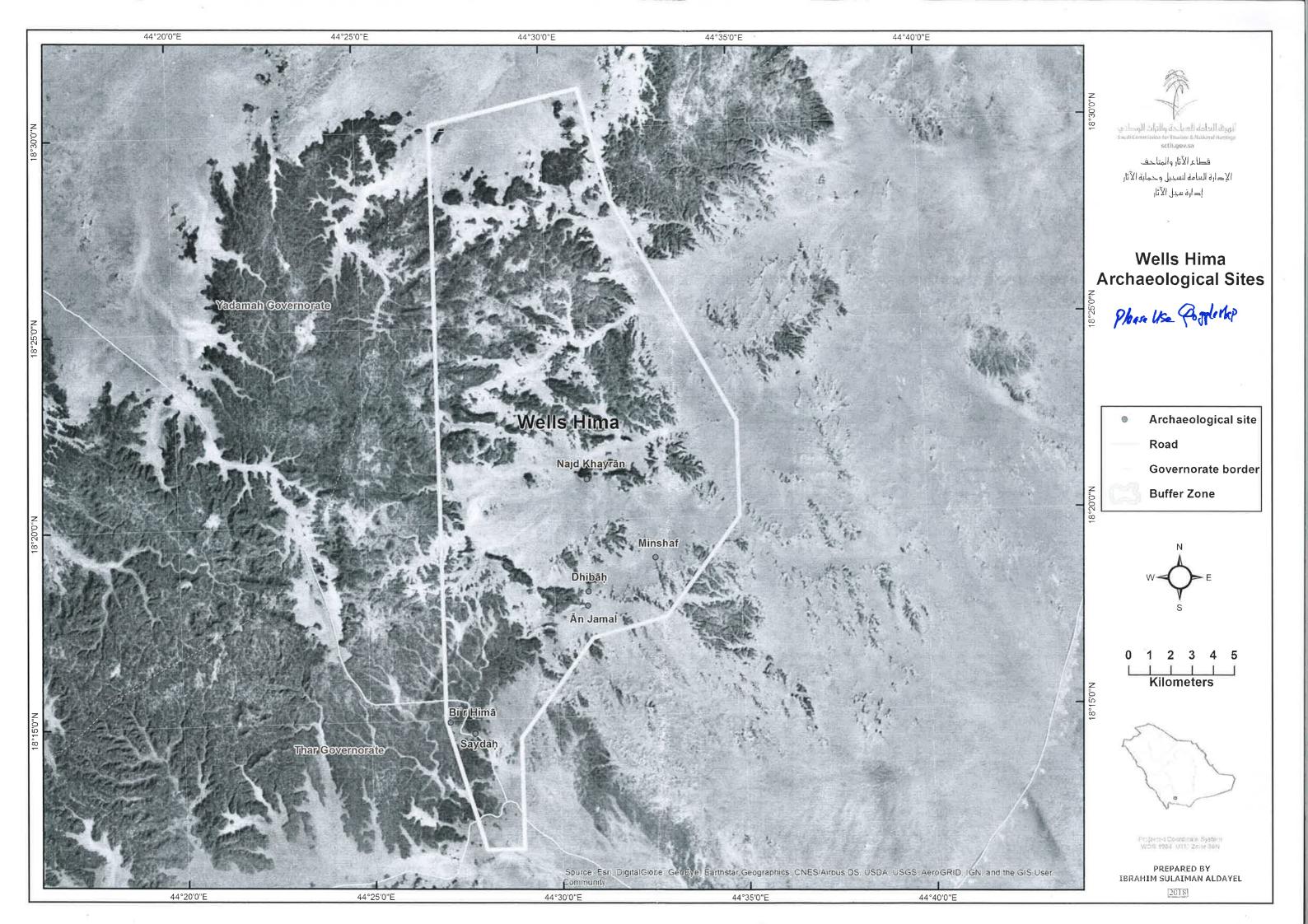
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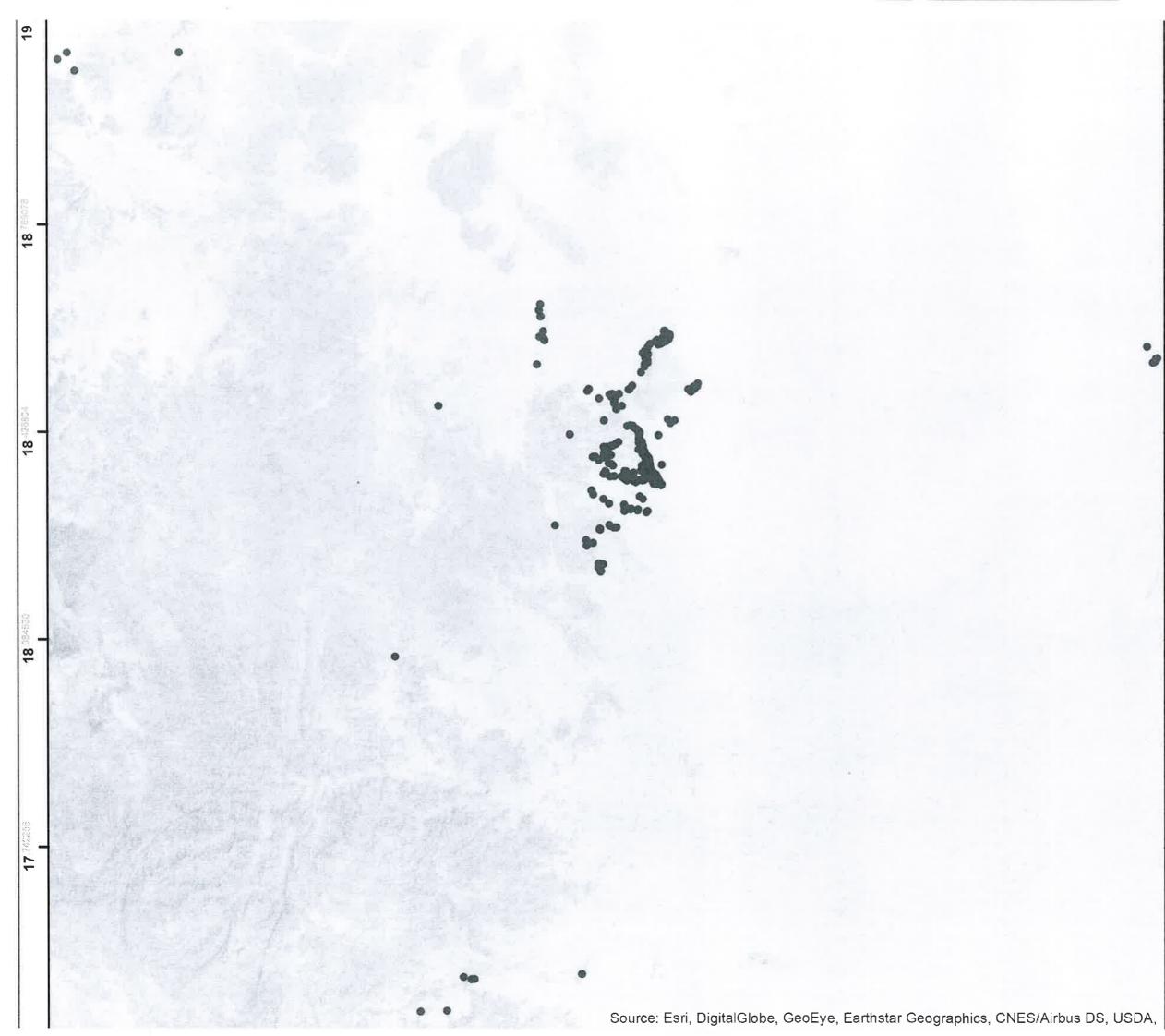
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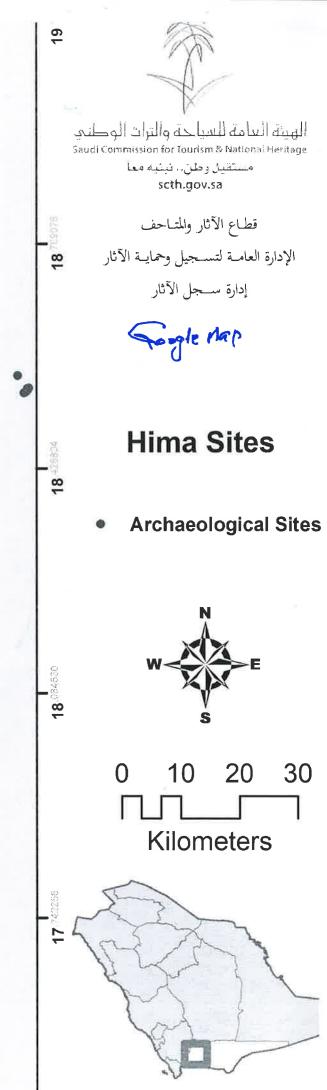
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SMA10.25	28-Mar-17	18.34954599800	44.56490001600 LINKE 473
SMA10.26	28-Mar-17	18.35130896400	44.56707403100 LINKE 474
SMA10.27	28-Mar-17	18.35153502400	44.56961802200 LINKE 475
SMA10.28	28-Mar-17	18.35191103600	44.57018698600 LINKE 476
SMA10.29	28-Mar-17	18.35330603600	44.56945600000 LINKE 477
SMA10.30	28-Mar-17	18.35468703900	44.56722297700 LINKE 478
SMA10.31	28-Mar-17	18.35593996600	44.56773896700 LINKE 479
SMA10.32	28-Mar-17	18.35701896800	44.56720403400 LINKE 480
SMA10.33	28-Mar-17	18.35724796200	44.56739396800 LINKE 481
SMA10.34	28-Mar-17	18.35724502800	44.56727100500 LINKE 482
SMA10.35	28-Mar-17	18.35723899300	44.56725298400 LINKE 483
SMA10.36	28-Mar-17	18.35715198900	44.56703396500 LINKE 484
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SMA10.40	29-Mar-17	18.36522100000	44.55958800000 LINKE 488
SMA10.41	29-Mar-17	18.36228000000	44.56078400000 LINKE 489
SMA10.42	29-Mar-17	18.36226100000	44.56073400000 LINKE 490
SMA10.43	29-Mar-17	18.36115200000	44.56019900000 LINKE 491
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SMA10.45	29-Mar-17	18.36096000000	44.56070100000 LINKE 493
SMA10.46	29-Mar-17	18.36089200000	44.56084300000 LINKE 494
SMA10.47	29-Mar-17	18.36088400000	44.56089600000 LINKE 495
SMA10.48	29-Mar-17	18.36082300000	44.56102900000 LINKE 496
SMA10.49	2 9-Mar-17	18.36053100000	44.56036900000 LINKE 497
SMA10.50	29-Mar-17	18.3587110000 0	44.55951600000 LINKE 498
SMA10.51	29-Mar-17	18.35814500000	44.55953800000 LINKE 499
SMA10.52	29-Mar-17	18.35934200000	44.56045900000 LINKE 500
SMA10.53	29-Mar-17	18.35965900000	44.56073100000 LINKE 501
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SMA10.56	29-Mar-17	18.35928200000	44.56486000000 LINKE 504
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SMA10.58	29-Mar-17	18.35848600000	44.56435000000 LINKE 506
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SMA23.10	29-Mar-17	1 8.34165300000	44.56697600000 LINKE 518	
SMA23.11	29-Mar-17	18.34108800000	44.56706100000 LINKE 519	
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SMA23.42	30-Mar-17	18.3414160000 0	44.57660000000 LINKE 550	







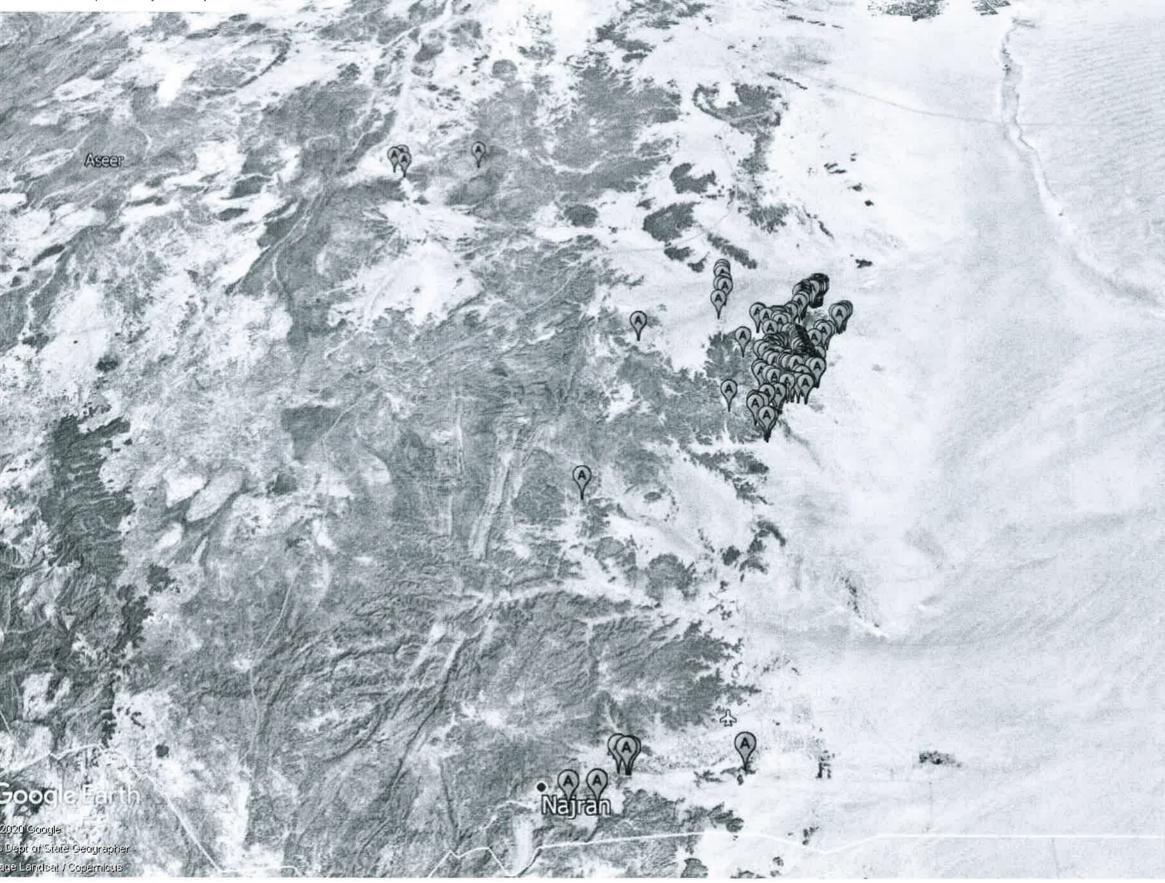
Prenared by: Mesfer Algahtani

Untitled Map

N. PANNERCEST

Write a description for your map,

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Legend Feature 1
Najran

Google Hop



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