

---

## GOVERNMENT NOTICES GOEWERMENTSKENNISGEWINGS

---

### DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND TOURISM DEPARTEMENT VAN OMGEWINGSAKE EN TOERISME

No. 1197

18 December 2007

#### PROCLAMATION OF THE FOSSIL HOMINID SITES OF SOUTH AFRICA (CONSISTING OF FOSSIL HOMINID SITES OF STERKFontein, SWARTKRANS, KROMDRAAI AND THE ENVIRONS, TAUNG SKULL FOSSIL SITE AND MAKAPAN VALLEY) AS A WORLD HERITAGE SITE IN TERMS OF THE WORLD HERITAGE CONVENTION ACT, 1999 (ACT NO 57 OF 1999)

I, Marthinus Christoffel Johannes van Schalkwyk: Minister of Environmental Affairs and Tourism, hereby proclaim by virtue of the powers vested in me by section 1(xxiv)(a)(i) of the World Heritage Convention Act, 1999 (Act No. 57 of 1999) the Fossil Hominid sites of South Africa (consisting of the Fossil Hominid Sites of Sterkfontein, Swartkrans, Kromdraai and the environs, Makapan Valley and Taung Skull Fossil Site), inscribed in 1999 and 2005 on the United Nations Educational, Scientific and Cultural Organization (UNESCO) World Heritage List, to be a World Heritage Site, as described in the Annexure 1 below.



**MARTHINUS VAN SCHALKWYK, MP**  
**MINISTER OF ENVIRONMENTAL AFFAIRS AND TOURISM**  
**DATE: 07/12/07**

## ANNEXURE 1

**THE FOSSIL HOMINID SITES OF SOUTH AFRICA (CONSISTING OF  
CRADLE OF HUMANKIND, TAUNG SKULL FOSSIL SITE AND MAKAPAN  
VALLEY) AS A WORLD HERITAGE SITE**

The Fossil Hominid sites of South Africa World Heritage Site is made up of the following components:

<b>Component of Serial Cluster</b>	<b>Province</b>	<b>Nearest Town</b>	<b>Coordinates of Central Point</b>	<b>Area of Core and Buffer Zone</b>
The Fossil Hominid sites of Sterkfontein, Swartkrans, Kromdraai and the environs commonly known as the "Cradle of Humankind"	Gauteng and North West provinces South Africa	Krugersdorp	S 25° 55' 45" E 27° 47' 20"	As described in Annexure 1(A)
Taung Skull Fossil Site	North West Province South Africa	Taung	S 27° 37' 10" E 24° 37' 59"	As described in Annexure 1(B)
Makapan Valley	Limpopo Province South Africa	Mokopane (Potgietersrus)	S 24° 08' 29" E 29° 12' 05"	As described in Annexure 1(C)

Hereunder is a detailed description of these components:

**ANNEXURE 1 (A)****DESCRIPTION OF THE HERITAGE SITE****NAME OF THE SITE:**

The Cradle of Humankind (Component of the Fossil Hominid sites of South Africa)

**PROVINCES:**

Gauteng and North West provinces

**EXACT LOCATION ON MAP WITH GEOGRAPHICAL COORDINATES:****Location of the site:**

The site proposed is located 45km west of Johannesburg and 5km north of the closest urban centre.

**Geographical Coordinates:**

Centre of World Heritage Site: - 27° 47' 20" E, 25° 55' 45" S

SW corner: - 27° 42' 50" E, 26° 01' 40" S

NE corner: - 27° 51' 45" E, 25° 49' 45" S

**The description of the boundaries:**The Site:

- Moving in a clockwise direction. Starting at point A, the north western corner of the farm 172 IQ portion 6, and follow the cadastral boundaries in an north western and then north eastern direction up to point B, a point on the south eastern boundary of farm 504 JQ portion 165.
- From point B, follow an unsurveyed line in a north eastern direction along the north western foothills of the Watersberg mountain up to point C, the north western corner of farm 479 JQ portion 1.
- From point C follow the cadastral boundaries in an eastern and then southern direction along the western side of the road R512 up to point D, the north eastern corner of the farm 481 JQ portion 219.
- From point D follow the road R512 in an eastern and then southern direction up to point E, the northern corner of farm 493 JQ portion 118.

- From point E follow the cadastral boundaries in a southern direction along the western side of the road R512 up to point F, the south western corner of farm 493 JQ portion 136.
- Follow the road R512 from point F in a southern direction to point G, the intersection with the northern boundary of farm 493 JQ portion 11.
- From point G follow the cadastral boundaries in a southern direction up to point H, the northern corner of the farm 493 JQ portion 3.
- From point H follow the road R512 in a southern direction up to point I, the intersection with the southern boundary of farm 524 JQ portion 11.
- From point I, follow the cadastral boundaries in a south western direction up to point J, the north eastern corner of farm 524 JQ Portion 6.
- From point J, follow the cadastral boundaries in a south western and western direction up to point K, the south western corner of the Krugersdorp Aerodrome.
- From point K, follow the south western boundary of the Krugersdorp Aerodrome in a north western direction up to point L, the intersection with the southern boundary of farm 173 IQ portion.
- From point L follow the cadastral boundaries in a north westerly and then northern direction up to the starting point A.

#### GEOGRAPHIC COORDINATES (WGS 1984)

##### LONGITUDE LATITUDE SUBJECT DESCRIPTION

			Moving in a clockwise direction. Starting at point A, the north western corner of the farm 172 IQ portion 6, and follow the cadastral boundaries in an north western and then north eastern direction up to point B, a point on the south eastern boundary of farm 504 JQ portion 165.
27.68052	-25.98817	A	
27.67994	-25.98772		
27.67723	-25.98562		
27.67276	-25.98217		
27.67043	-25.97901		
27.66425	-25.97122		
27.64945	-25.95254		
27.64920	-25.95216		
27.61445	-25.94685		
27.59360	-25.93614		
27.59365	-25.93614		
27.59372	-25.93613		
27.59380	-25.93610		
27.59390	-25.93606		
27.59399	-25.93601		
27.59409	-25.93596		
27.59417	-25.93591		
27.59425	-25.93587		
27.59432	-25.93584		
27.59442	-25.93579		
27.59450	-25.93574		
27.59460	-25.93567		
27.59470	-25.93558		

27.59478	-25.93549
27.59484	-25.93543
27.59490	-25.93535

From point B, follow an unsurveyed line in a north eastern direction along the north western foothills of the Watersberg mountain up to point C, the north western corner of farm 479 JQ portion 1.

27.59499	-25.93525	B
27.60131	-25.93117	
27.60684	-25.92761	
27.60793	-25.92691	
27.60994	-25.92561	
27.61144	-25.92464	
27.61375	-25.92315	
27.61486	-25.92243	
27.61696	-25.92108	
27.61837	-25.92017	
27.61982	-25.91924	
27.61827	-25.91761	
27.61750	-25.91681	
27.61815	-25.91625	
27.62069	-25.91406	
27.62179	-25.91311	
27.62382	-25.91136	
27.63346	-25.90305	
27.63388	-25.90269	
27.63485	-25.90185	
27.63521	-25.90154	
27.63569	-25.90113	
27.63768	-25.89941	
27.63781	-25.89930	
27.63845	-25.89874	
27.63945	-25.89789	
27.64048	-25.89700	
27.64125	-25.89633	
27.64179	-25.89587	
27.64295	-25.89487	
27.64371	-25.89422	
27.64546	-25.89271	
27.64709	-25.89130	
27.65106	-25.88788	
27.65169	-25.88733	
27.65252	-25.88662	
27.65325	-25.88599	
27.65492	-25.88455	
27.65675	-25.88297	
27.65713	-25.88265	
27.65915	-25.88154	
27.66023	-25.88095	
27.66495	-25.87837	
27.66891	-25.87620	

27.67123	-25.87493
27.67457	-25.87310
27.67589	-25.87237
27.67768	-25.87139
27.67944	-25.87043
27.68128	-25.86943
27.68482	-25.86749
27.68589	-25.86690
27.68800	-25.86575
27.69242	-25.86333
27.69397	-25.86248
27.69605	-25.86134
27.69722	-25.86070
27.69802	-25.86026
27.70147	-25.85838
27.70415	-25.85691
27.70773	-25.85495
27.70912	-25.85419
27.71084	-25.85325
27.71276	-25.85220
27.71465	-25.85116
27.71579	-25.85054
27.71679	-25.84999
27.71904	-25.84876
27.72009	-25.84819
27.72135	-25.84759
27.72280	-25.84690
27.73355	-25.84180
27.73533	-25.84096
27.74300	-25.83732
27.74332	-25.83705
27.74488	-25.83575
27.74818	-25.83298
27.74966	-25.83178
27.75124	-25.83073
27.75299	-25.82956
27.75390	-25.82897
27.75566	-25.82780
27.75711	-25.82684
27.75859	-25.82585
27.76163	-25.82384
27.76449	-25.82194
27.76581	-25.82109
27.76713	-25.82025
27.76971	-25.81858
27.77042	-25.81813
27.77386	-25.81586
27.77431	-25.81556
27.77566	-25.81467
27.77669	-25.81399

27.77757	-25.81340
27.77821	-25.81298
27.78199	-25.81044
27.78324	-25.80960
27.78451	-25.80874
27.78805	-25.80636
27.79399	-25.80241
27.79712	-25.80033
27.79854	-25.79938
27.80004	-25.79839
27.80157	-25.79737
27.80384	-25.79586
27.80453	-25.79540
27.80579	-25.79466
27.80793	-25.79340
27.81012	-25.79211
27.81237	-25.79078
27.81498	-25.78922
27.81508	-25.78938
27.81560	-25.78894
27.81593	-25.78866
27.81701	-25.78803
27.81808	-25.78748
27.82071	-25.78613
27.82463	-25.78409
27.83013	-25.78118
27.83515	-25.77905
27.83686	-25.77833
27.84164	-25.77663
27.84391	-25.77613
27.84799	-25.77523

From point C follow the cadastral boundaries in a eastern and then southern direction along the western side of the road R512 up to point D, the north eastern corner of the farm 481 JQ portion 219.

27.85364	-25.77482	C
27.85705	-25.77465	
27.85694	-25.77599	
27.85689	-25.77642	
27.85684	-25.77693	
27.85678	-25.77754	
27.85667	-25.77813	
27.85662	-25.77829	
27.85627	-25.77915	
27.85643	-25.77917	
27.85609	-25.78155	
27.85604	-25.78192	
27.85593	-25.78273	
27.85591	-25.78313	
27.85593	-25.78348	
27.85602	-25.78403	

27.85617 -25.78467  
 27.85631 -25.78461  
 27.85645 -25.78663  
 27.85646 -25.78666  
 27.85649 -25.78699  
 27.85667 -25.78926  
 27.85674 -25.78994  
 27.85678 -25.79053  
 27.85661 -25.79247  
 27.85745 -25.79495  
 27.85811 -25.79692  
 27.85856 -25.79748  
 27.85925 -25.79869  
 27.85912 -25.79870  
 27.85966 -25.80032  
 27.85995 -25.80127  
 27.85992 -25.80206  
 27.86046 -25.80268  
 27.86110 -25.80314  
 27.86166 -25.80340  
 27.86223 -25.80356  
 27.86285 -25.80342

From point D follow the road R512 in an eastern and then southern direction up to point E, the northern corner of farm 493 JQ portion 118.

27.86563 -25.80348 D

From point E follow the cadastral boundaries in a southern direction along the western side of the road R512 up to point F, the south western corner of farm 493 JQ portion 136.

27.89404 -25.81344 E  
 27.89419 -25.81428  
 27.89427 -25.81559  
 27.89431 -25.81624  
 27.89387 -25.81782  
 27.89380 -25.81817  
 27.89360 -25.81887  
 27.89273 -25.82014  
 27.89188 -25.82136  
 27.89213 -25.82253  
 27.89153 -25.82261

Follow the road R512 from point F in a southern direction to point G, the intersection with the northern boundary of farm 493 JQ portion 11.

27.89126 -25.82437 F

From point G follow the cadastral boundaries in a southern direction up to point H, the northern corner of the farm 493 JQ portion 3.

27.89096 -25.82727 G  
 27.89082 -25.82803  
 27.89061 -25.82848  
 27.89009 -25.82932



27.88908	-25.83053
27.88842	-25.83128
27.88816	-25.83162
27.88823	-25.83163
27.88768	-25.83236
27.88670	-25.83368
27.88636	-25.83414
27.88575	-25.83498
27.88510	-25.83590
27.88491	-25.83584
27.88447	-25.83743
27.88430	-25.83801
27.88406	-25.83925
27.88395	-25.83990
27.88395	-25.84089
27.88385	-25.84242
27.88382	-25.84297
27.88376	-25.84299
27.88376	-25.84307
27.88362	-25.84761
27.88384	-25.84928

From point H follow the road R512 in a southern direction up to point I, the intersection with the southern boundary of farm 524 JQ portion 11.

27.88408	-25.84924	H
----------	-----------	---

From point I, follow the cadastral boundaries in a south western direction up to point at J, the north eastern corner of farm 524 JQ Portion 6.

27.89488	-25.91080	I
27.89332	-25.91134	
27.88989	-25.91251	
27.88740	-25.91336	
27.88738	-25.91398	
27.88704	-25.92432	
27.87857	-25.92306	
27.87435	-25.92241	
27.87293	-25.92619	
27.87144	-25.93011	

From point J, follow the cadastral boundaries in a south western and western direction up to point K, the south western corner of the Krugersdorp Aerodrome.

27.87107	-25.93108	J
27.87093	-25.93145	
27.87035	-25.93302	
27.86968	-25.93473	
27.86734	-25.94084	
27.86212	-25.94411	
27.86093	-25.94484	
27.85578	-25.94806	
27.85236	-25.94924	
27.85082	-25.94978	
27.85001	-25.95007	

27.84807	-25.95074
27.84884	-25.95367
27.85063	-25.96042
27.85302	-25.96245
27.85392	-25.96256
27.85161	-25.96446
27.85160	-25.96449
27.85158	-25.96457
27.85157	-25.96461
27.85156	-25.96463
27.85151	-25.96483
27.85149	-25.96491
27.85148	-25.96498
27.85146	-25.96516
27.85144	-25.96535
27.85142	-25.96546
27.85139	-25.96560
27.85137	-25.96571
27.85134	-25.96585
27.85131	-25.96597
27.85127	-25.96607
27.85124	-25.96617
27.85120	-25.96630
27.85116	-25.96643
27.85114	-25.96652
27.85113	-25.96660
27.85113	-25.96670
27.85113	-25.96679
27.85112	-25.96687
27.85107	-25.96706
27.85101	-25.96729
27.85099	-25.96736
27.84874	-25.96908
27.84848	-25.96969
27.84905	-25.97015
27.84872	-25.97059
27.84724	-25.96815
27.84713	-25.96797
27.84710	-25.96801
27.84709	-25.96803
27.84706	-25.96805
27.84704	-25.96807
27.84701	-25.96815
27.84698	-25.96820
27.84694	-25.96823
27.84680	-25.96830
27.84673	-25.96833
27.84663	-25.96835
27.84649	-25.96836
27.84637	-25.96834

---

27.84625	-25.96831
27.84612	-25.96825
27.84601	-25.96820
27.84588	-25.96816
27.84569	-25.96811
27.84556	-25.96808
27.84519	-25.96799
27.84507	-25.96798
27.84498	-25.96798
27.84491	-25.96798
27.84483	-25.96800
27.84471	-25.96806
27.84455	-25.96815
27.84453	-25.96816
27.84450	-25.96819
27.84444	-25.96826
27.84442	-25.96830
27.84438	-25.96836
27.84423	-25.96856
27.84415	-25.96870
27.84411	-25.96878
27.84401	-25.96896
27.84400	-25.96901
27.84396	-25.96906
27.84392	-25.96909
27.84375	-25.96917
27.84370	-25.96918
27.84367	-25.96918
27.84363	-25.96917
27.84356	-25.96913
27.84346	-25.96908
27.84342	-25.96914
27.84340	-25.96921
27.84340	-25.96956
27.84343	-25.96976
27.84344	-25.96987
27.84343	-25.96995
27.84341	-25.97000
27.84331	-25.97013
27.84315	-25.97032
27.84310	-25.97040
27.84303	-25.97053
27.84289	-25.97083
27.84284	-25.97097
27.84278	-25.97113
27.84272	-25.97127
27.84261	-25.97146
27.84254	-25.97155
27.84248	-25.97166
27.84242	-25.97178

27.84237	-25.97188
27.84226	-25.97212
27.84215	-25.97229
27.84207	-25.97243
27.84201	-25.97255
27.84189	-25.97277
27.84187	-25.97284
27.84186	-25.97294
27.84182	-25.97323
27.84182	-25.97332
27.84183	-25.97338
27.84187	-25.97346
27.84196	-25.97366
27.84205	-25.97383
27.84213	-25.97399
27.84219	-25.97414
27.84221	-25.97419
27.84222	-25.97427
27.84227	-25.97438
27.84230	-25.97442
27.84238	-25.97450
27.84248	-25.97457
27.84256	-25.97461
27.84259	-25.97461
27.84285	-25.97457
27.84306	-25.97453
27.84347	-25.97446
27.84359	-25.97498
27.84392	-25.97557
27.84373	-25.97608
27.84392	-25.97722
27.84435	-25.97800
27.84374	-25.97807
27.84376	-25.97809
27.84376	-25.97818
27.84378	-25.97830
27.84379	-25.97840
27.84383	-25.97852
27.84384	-25.97867
27.84385	-25.97882
27.84384	-25.97895
27.84384	-25.97901
27.84385	-25.97912
27.84386	-25.97915
27.84389	-25.97921
27.84395	-25.97925
27.84402	-25.97933
27.84409	-25.97940
27.84417	-25.97949
27.84423	-25.97953

---

27.84427	-25.97956
27.84433	-25.97961
27.84442	-25.97971
27.84447	-25.97976
27.84452	-25.97980
27.84461	-25.97989
27.84465	-25.97993
27.84470	-25.97999
27.84476	-25.98006
27.84478	-25.98010
27.84480	-25.98019
27.84481	-25.98034
27.84480	-25.98037
27.84476	-25.98047
27.84476	-25.98051
27.84474	-25.98056
27.84473	-25.98060
27.84472	-25.98071
27.84472	-25.98082
27.84472	-25.98095
27.84471	-25.98104
27.84471	-25.98113
27.84469	-25.98129
27.84469	-25.98134
27.84469	-25.98138
27.84467	-25.98148
27.84466	-25.98156
27.84466	-25.98162
27.84467	-25.98170
27.84467	-25.98178
27.84466	-25.98188
27.84464	-25.98192
27.84462	-25.98199
27.84457	-25.98210
27.84454	-25.98217
27.84450	-25.98221
27.84447	-25.98227
27.84442	-25.98237
27.84438	-25.98243
27.84434	-25.98250
27.84430	-25.98255
27.84427	-25.98261
27.84422	-25.98268
27.84417	-25.98277
27.84415	-25.98280
27.84433	-25.98281
27.84565	-25.98319
27.84431	-25.98547
27.84353	-25.98518
27.84324	-25.98506

27.84325	-25.98508
27.84326	-25.98511
27.84327	-25.98513
27.84330	-25.98518
27.84331	-25.98522
27.84335	-25.98526
27.84338	-25.98530
27.84340	-25.98532
27.84345	-25.98537
27.84348	-25.98540
27.84349	-25.98542
27.84351	-25.98545
27.84355	-25.98548
27.84357	-25.98550
27.84363	-25.98555
27.84365	-25.98556
27.84372	-25.98564
27.84378	-25.98570
27.84379	-25.98572
27.84385	-25.98576
27.84388	-25.98579
27.84390	-25.98581
27.84391	-25.98587
27.84367	-25.98582
27.84033	-25.98505
27.83820	-25.98454
27.83656	-25.98416
27.83567	-25.98891
27.83554	-25.98893
27.83409	-25.98909
27.83280	-25.98923
27.83132	-25.98942
27.83005	-25.98959
27.82932	-25.98967
27.82908	-25.98966
27.82823	-25.98970
27.82636	-25.99007
27.82625	-25.98999
27.82379	-25.98960
27.82107	-25.98842
27.81829	-25.98737
27.81814	-25.98745
27.81611	-25.98858
27.81575	-25.99116
27.81555	-25.99288
27.81498	-25.99778
27.81486	-25.99886
27.81432	-26.00352
27.81421	-26.00455
27.81354	-26.01047

---

27.81313	-26.01395
27.81294	-26.01560
27.81143	-26.01751
27.81005	-26.01681
27.80658	-26.01561
27.80374	-26.01460
27.80112	-26.01364
27.79995	-26.01317
27.79615	-26.01192
27.79542	-26.01168
27.79543	-26.01161
27.79507	-26.01167
27.79378	-26.01186
27.79382	-26.01905
27.79374	-26.02467
27.79367	-26.02565
27.79364	-26.02566
27.79359	-26.02565
27.79359	-26.02569
27.79353	-26.03355
27.79345	-26.04290
27.79342	-26.04685
27.79341	-26.04744
27.79341	-26.04761
27.79337	-26.05205
27.79576	-26.05284
27.79670	-26.05315
27.79706	-26.05333
27.79827	-26.05394
27.79947	-26.05454
27.80067	-26.05514
27.80186	-26.05573
27.80304	-26.05633
27.80423	-26.05692
27.80541	-26.05751
27.80658	-26.05810
27.80775	-26.05868
27.81112	-26.06037
27.81227	-26.06094
27.81269	-26.06116
27.81340	-26.06151
27.81357	-26.06511
27.81362	-26.06632
27.81352	-26.06634
27.80543	-26.06581
27.80052	-26.06548
27.79326	-26.06498
27.78818	-26.06466
27.78218	-26.06426
27.77218	-26.06360

27.77057	-26.06269
27.76002	-26.06199
27.75946	-26.05825
27.75923	-26.05679
27.75915	-26.05625
27.75394	-26.05331
27.75259	-26.05273
27.74851	-26.05102
27.74801	-26.05081
27.74779	-26.05071
27.74619	-26.05004
27.74547	-26.04973
27.74567	-26.05187
27.74658	-26.06138
27.74683	-26.06390
27.74685	-26.07005
27.74678	-26.07014
27.74672	-26.07021
27.74640	-26.07041
27.74683	-26.07123
27.74701	-26.07159
27.74736	-26.07235
27.74763	-26.07308
27.74783	-26.07391
27.74806	-26.07574
27.74796	-26.07574
27.74742	-26.07820
27.74557	-26.08649
27.73588	-26.08685
27.73295	-26.08695

From point K, follow the south western boundary of the Krugersdorp Aerodrome in a north western direction up to point L, the intersection with the southern boundary of farm 173 IQ portion.

27.73019	-26.08706	K
27.72515	-26.08294	
27.72173	-26.08287	
27.72073	-26.08110	
27.72281	-26.07992	
27.72246	-26.07656	

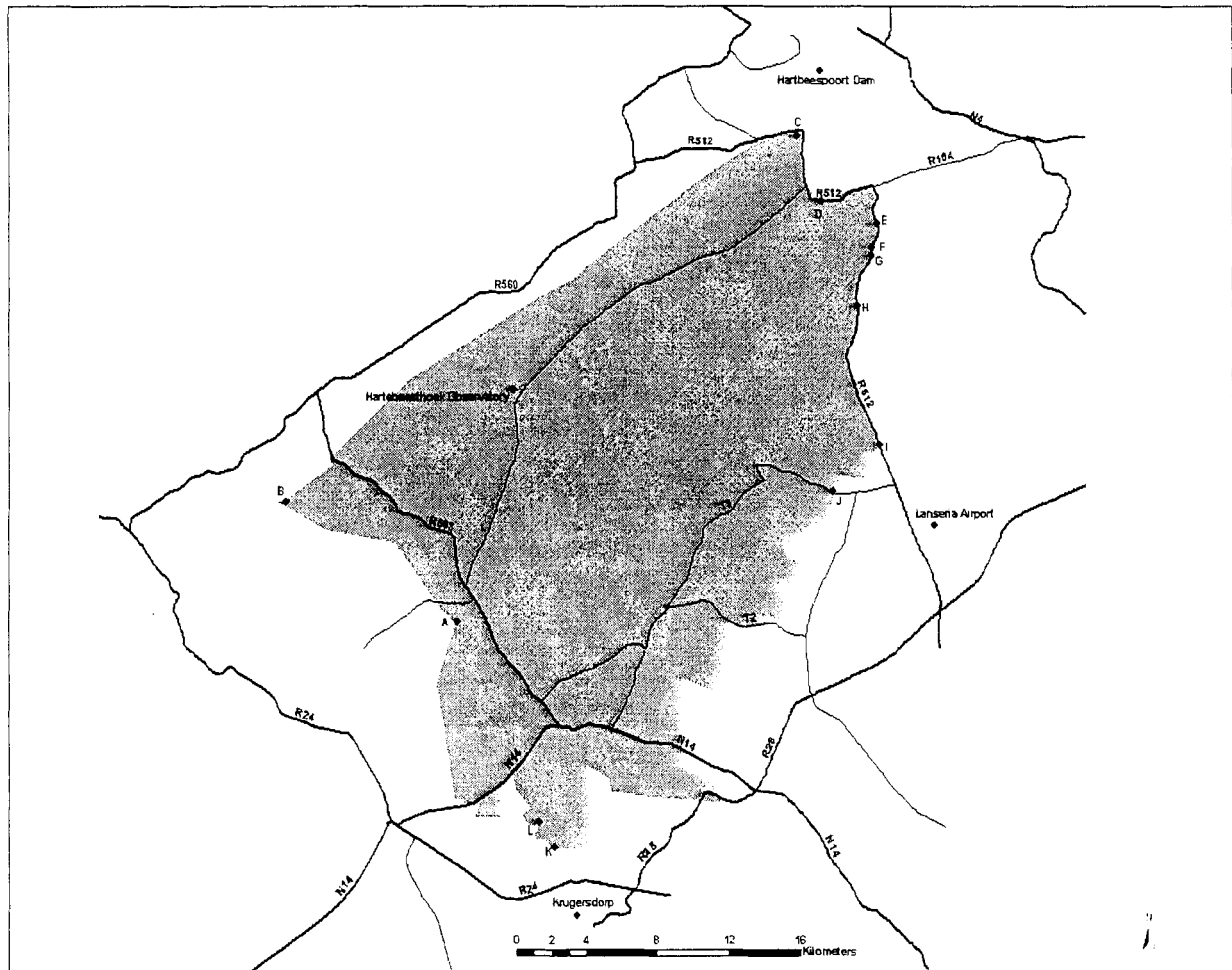
From point L follow the cadastral boundaries in a north westerly and then northern direction up to the starting point A.

27.72241	-26.07649	L
27.71747	-26.07664	
27.71497	-26.07312	
27.71925	-26.07047	
27.71479	-26.06515	
27.71182	-26.06162	
27.71124	-26.06094	
27.71000	-26.05730	



---

27.70948	-26.05576
27.70882	-26.05381
27.70512	-26.05689
27.70148	-26.05993
27.70048	-26.06078
27.70177	-26.06793
27.70245	-26.07144
27.70272	-26.07295
27.70273	-26.07299
27.70170	-26.07295
27.69961	-26.07296
27.69741	-26.07291
27.69688	-26.07286
27.69315	-26.07305
27.69046	-26.07317
27.69283	-26.06709
27.69172	-26.06561
27.69083	-26.06612
27.68465	-26.06688
27.68417	-26.06535
27.67998	-26.06514
27.67941	-26.06200
27.67940	-26.06191
27.67874	-26.05800
27.67859	-26.05723
27.67804	-26.05411
27.67771	-26.05239
27.67738	-26.05018
27.67690	-26.04763
27.67674	-26.04637
27.67606	-26.04269
27.67605	-26.04265
27.67483	-26.03821
27.67454	-26.03473
27.67401	-26.03166
27.67254	-26.02363
27.67253	-26.02360
27.67090	-26.01543
27.67176	-26.01300
27.67189	-26.01263
27.67248	-26.01096
27.67320	-26.00891
27.67466	-26.00479
27.67551	-26.00237
27.67647	-25.99966
27.67653	-25.99950
27.67743	-25.99694
27.67838	-25.99423
27.67913	-25.99212
27.67934	-25.99152

**Diagram of the World Heritage Site****ANNEXURE 1 (B)**

**ANNEXURE 1 (B)****DESCRIPTION OF THE HERITAGE SITE****NAME OF THE SITE:**

Taung Skull Fossil Site (extension to the "Fossil Hominid sites of South Africa")

**PROVINCES:**

North West Province

**EXACT LOCATION ON MAP WITH GEOGRAPHICAL COORDINATES:****Location of the site:**

The Taung Skull Fossil Site is situated within a vast abandoned limestone quarry (the Buxton Limeworks) excavated into a series of ancient tufa deposits which have formed along the flank of the Ghaap Escarpment, just west of the Harts River, 17 km south west of the town of Taung in the North West Province of South Africa.

**Geographical Coordinates:**

Coordinates for the Taung Skull Fossil Site locality:

S: 27° 37' 10"

E 24° 37' 59"

**The description of the boundaries:**

The Taung Skull Fossil Site covers an area of 158.7429 hectares (ha), with a buffer zone of 3.387 ha.

**The Core:**

Described by SG Diagram 4496/2002.

**The Buffer:**

-Moving in a clockwise direction:

Starting at point A and follow a straight line in a north eastern direction up to point B (the middle of the gravel road from Tamasikwa village).

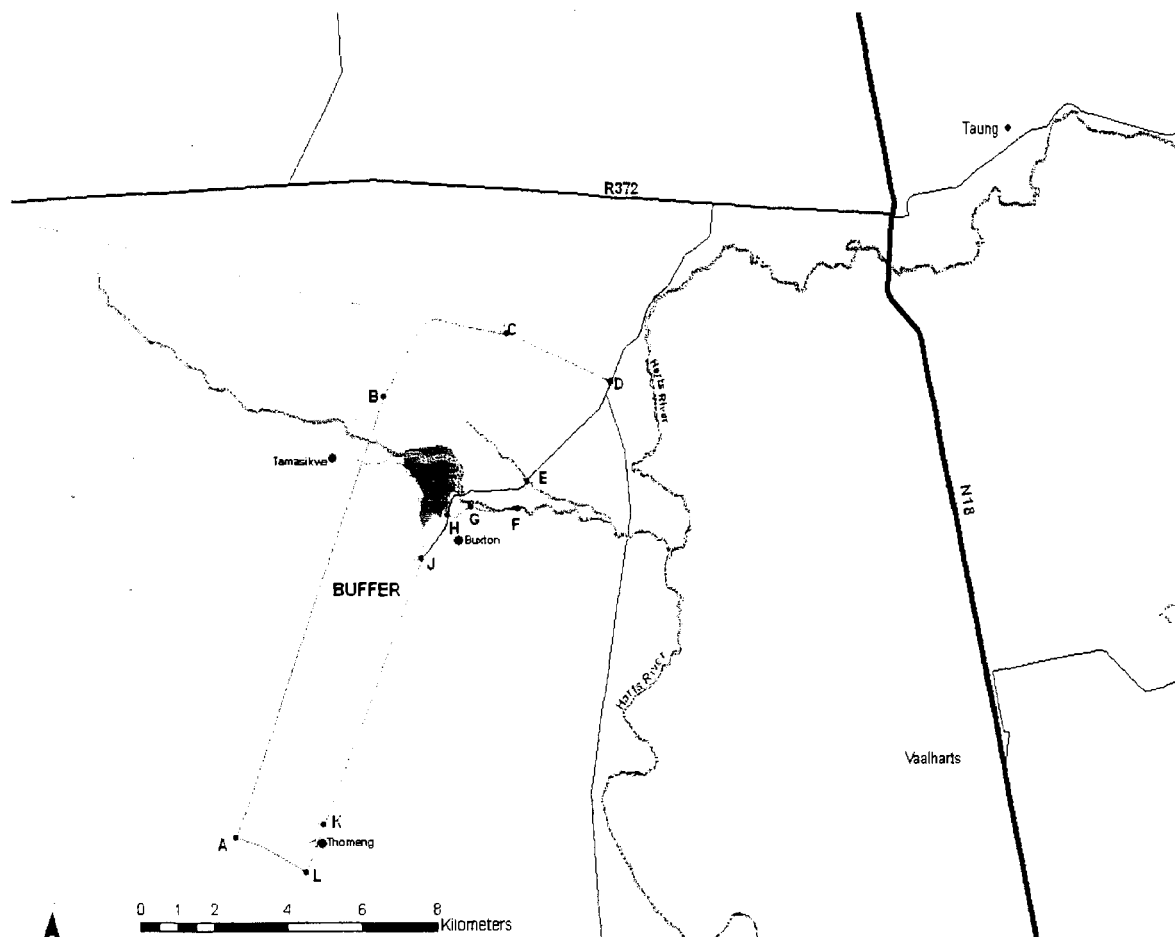
- Starting at point B and follow the middle of the gravel road from Tamasikwa village in a north eastern and then eastern direction up to point C.
- Starting at point C and follow the ridge line in an eastern direction down to the Taung-Buxton tar road up to point D.
- Starting at point D and follow the old road and railbed of the Thomeng-Buxton connection in a south western direction up to point E, at the bridge.
- From point E follow a straight line up to point F.
- From point F follow the waterway in a western direction up to point G.
- From point G follow the street of the Buxton village in a south western direction up to point H.
- From point H follow the gravel road on the western side of the Buxton village in a south western direction up to point J.
- From point J follow the old road and railbed of the Thomeng-Buxton connection in a south western direction up to point K.
- From point K follow a straight line in a south western direction up to point L at the cadastral boundary.
- From point L follow the cadastral boundary in a north western direction up to point A, the starting point.

#### GEOGRAPHIC COORDINATES (WGS 1984)

LONGITUDE	LATITUDE	SYMBOL	DESCRIPTION
24.58440	-27.69396	A	Starting a point A and follow a straight line in a north eastern direction up to point B (the middle of the gravel road from Tamasikwa village).
24.62004	-27.59949	B	Starting at point B and follow the middle of the gravel road from Tamasikwa village in a north eastern and then eastern direction up to point C.
24.62694	-27.58794		
24.62907	-27.58463		
24.62939	-27.58435		
24.63000	-27.58395		
24.63245	-27.58291		
24.63247	-27.58292		
24.64800	-27.58585		
24.64862	-27.58596		
24.64990	-27.58607	C	Starting at point C and follow the ridge line in an eastern direction down to the Taung-Buxton tar road up to point D.
24.67516	-27.59617	D	Starting at point D and follow the old road and railbed of the Thomeng-Buxton connection in a south-western direction up to point E, at a bridge.
24.67398	-27.59881		
24.67342	-27.60012		
24.67292	-27.60115		
24.67214	-27.60218		
24.67098	-27.60327		
24.65486	-27.61736	E	From point E follow a straight line up to point F.
24.65250	-27.62355	F	From point F follow the waterway in a western direction up to point G.

24.65013	-27.62382		
24.64966	-27.62402		
24.64772	-27.62430		
24.64437	-27.62407		
24.64402	-27.62390		
24.64344	-27.62372		
24.64304	-27.62362		
24.64209	-27.62331		
24.64106	-27.62295	G	From point G follow the street of the Buxton village in a south western direction up to point H.
24.63873	-27.62422		
24.63841	-27.62464		
24.63796	-27.62464		
24.63792	-27.62487		
24.63767	-27.62529		
24.63677	-27.62548		
24.63552	-27.62482	H	From point H follow the gravel road on the western side of the Buxton village in a south western direction up to point J.
24.63513	-27.62678		
24.63491	-27.62726		
24.63445	-27.62803		
24.63337	-27.62926		
24.63093	-27.63222		
24.62976	-27.63362		
24.62928	-27.63406	J	From point J follow the old road and railbed of the Thomeng-Buxton connection in a south western direction up to point K.
24.62315	-27.64899		
24.62105	-27.65415		
24.61850	-27.66036		
24.61737	-27.66307		
24.61530	-27.66818		
24.61343	-27.67279		
24.61212	-27.67598		
24.60841	-27.68496		
24.60600	-27.69086	K	From point K follow a straight line in a south western direction up to point L at the cadastral boundary.
24.60169	-27.70124	L	From point L follow the cadastral boundary in a north western direction up to point A, the starting point.
24.59081	-27.69574		

### Diagram of the World Heritage Site



**ANNEXURE 1 (C)****DESCRIPTION OF THE HERITAGE SITE****NAME OF THE SITE:**

Makapan Valley (extension to the "Fossil Hominid sites of South Africa")

**PROVINCES:**

Limpopo Province

**EXACT LOCATION ON MAP WITH GEOGRAPHICAL COORDINATES:****Location of the site:**

The Makapan Valley, its caves and other sites of archaeological and palaeontological interest are situated on the farm Makapansgat 39KS (S 24° 9' 31", E 29° 10' 37") some 19km E-N-E of Potgietersrus (renamed Mokopane) in the Limpopo Province of South Africa. The Makapan Valley has developed on the western flank of an isolated 19km long north-south spur of the Strydpoort range, separated from the main range by a gap of some 5km at the Gompies or Nkumpi Dam near Zebediela. The main Strydpoort range trends east-west, and joins the Mpumalanga Drakensberg some 64km to the east, in the vicinity of Woodbush-Haenertsberg. North of the spur lies the Pietersburg Plateau with its false grassland.

**Geographical Coordinates:**

S 24° 9' 31"

E 29° 10' 37" (approximate centre point)

**The description of the boundaries:**

Makapan Valley covers an area of 2, 220.0495 ha, with a buffer zone of around 48065, 3045 ha.

**The Core:**

Core Area: The Remainder of the Makapansgat 39KS (2,220.0495 ha) as described by SG diagram 1608/1894.

Moving in a clockwise direction:

-Starting at point A and following the cadastral boundaries through points B, C, D and E back to the starting point at point A.

#### The Buffer:

Buffer Zone: 48 065,3045ha approx. (Makapans Highlands Conservancy)

Moving in a clockwise direction:

-Starting at point F(intersection of road R518 with railway line), and follow the railway line in a northern direction up to point G (intersection of road R101 with railway line).

-Starting at point G (intersection of road R101 with railway line), and follow road R101 in an eastern and then north eastern direction up to point H (turn-off to EERSTELING MONUMENTS).

-Starting at point H (turn-off to EERSTELING MONUMENTS) and follow the EERSTELING MONUMENTS road in a south easterly direction up to point J (eastern cadastral boundary of the farm RIETFONTEIN 34 KS).

-Starting at point J (eastern cadastral boundary of the farm RIETFONTEIN 34 KS), and follow the eastern cadastral boundaries of the farms RIETFONTEIN 34 KS and MEINHARDSKRAAL 61 KS in a south easterly direction up to point K at the intersection with the Zebediela/Pietersburg road.

-Starting at point K (intersection of the eastern cadastral boundary of the farm MEINHARDSKRAAL 61 KS and the Zebediela/Pietersburg road), and follow the Zebediela/Pietersburg road in a southerly direction up to point L (the intersection of the Zebediela/Pietersburg road with the road R518, the ZEBEDIELA/MOKOPANE Road).

-Starting at point L (intersection of road R518 and Zebediela/Pietersburg road), and follow road R518 in a western and then north western direction up to point F (the starting point).

#### GEOGRAPHIC COORDINATES (WGS 1984)

LONGITUDE	LATITUDE	SYMBOL	DESCRIPTION
			Starting at point F (intersection of road R518 with railway line), and follow the railway line in a northern direction up to point G (intersection of road R101 with railway line).
29.01862	-24.18822	F	
29.01872	-24.18730		
29.01899	-24.18558		
29.01896	-24.18435		
29.01863	-24.17877		
29.01865	-24.17745		
29.01880	-24.17674		
29.01904	-24.17604		
29.01940	-24.17534		



29.01980	-24.17475
29.02103	-24.17354
29.02250	-24.17242
29.02356	-24.17128
29.02425	-24.17017
29.02453	-24.16948
29.02475	-24.16869
29.02494	-24.16727
29.02501	-24.16575
29.02512	-24.16481

Starting at point G (intersection of road R101 with railway line), and follow road R101 in an eastern and then north eastern direction up to point H (turn-off to EERSTELING MONUMENTS).

29.02536	-24.16398	G
29.02733	-24.16312	
29.03067	-24.16161	
29.03266	-24.16088	
29.03436	-24.16040	
29.03744	-24.15985	
29.03915	-24.15970	
29.04206	-24.15971	
29.04569	-24.16016	
29.04789	-24.16070	
29.05347	-24.16225	
29.05544	-24.16259	
29.06230	-24.16335	
29.07096	-24.16438	
29.07777	-24.16615	
29.08274	-24.16743	
29.08526	-24.16858	
29.08677	-24.16932	
29.08843	-24.17018	
29.08999	-24.17072	
29.09168	-24.17093	
29.09270	-24.17087	
29.09380	-24.17062	
29.09483	-24.17024	
29.09560	-24.16979	
29.09655	-24.16908	
29.09782	-24.16750	
29.09891	-24.16527	
29.09938	-24.16455	
29.09996	-24.16387	
29.10164	-24.16266	
29.10446	-24.16116	
29.10979	-24.15833	
29.11600	-24.15514	
29.11953	-24.15306	
29.12070	-24.15228	
29.12283	-24.15066	

29.12549	-24.14831
29.12909	-24.14514
29.13118	-24.14336
29.13416	-24.14067
29.13749	-24.13778
29.13834	-24.13718
29.13938	-24.13658
29.14259	-24.13522
29.14464	-24.13423
29.14868	-24.13154
29.15535	-24.12716
29.16162	-24.12335
29.16603	-24.12071
29.16728	-24.11994
29.16845	-24.11940
29.16970	-24.11889
29.17109	-24.11852
29.17369	-24.11794
29.17547	-24.11736
29.17724	-24.11646
29.17990	-24.11518
29.18181	-24.11444
29.18484	-24.11331
29.18786	-24.11224
29.19071	-24.11120
29.19426	-24.10990
29.19808	-24.10850
29.20094	-24.10755
29.20437	-24.10664
29.21268	-24.10440
29.21464	-24.10380
29.21985	-24.10194
29.22579	-24.09978
29.23097	-24.09722
29.23504	-24.09516
29.23749	-24.09341
29.23947	-24.09134

Starting at point H (turn-off to EERSTELING MONUMENTS ) and follow the EERSTELING MONUMENTS road in a south easterly direction up to point J (eastern cadastral boundary of the farm RIETFontein 34 KS).

29.24420	-24.08476	H
29.24449	-24.08494	
29.24501	-24.08526	
29.24543	-24.08549	
29.24576	-24.08572	
29.24602	-24.08594	
29.24625	-24.08621	
29.24649	-24.08660	
29.24716	-24.08814	

29.24924	-24.09268
29.25085	-24.09571
29.25120	-24.09651
29.25248	-24.10061
29.25294	-24.10161
29.25330	-24.10223
29.25371	-24.10263
29.25399	-24.10280
29.25429	-24.10303
29.25454	-24.10430
29.25424	-24.10506
29.25447	-24.10547
29.25543	-24.10662
29.25607	-24.10726
29.25663	-24.10758
29.25686	-24.10775
29.25689	-24.10809
29.25666	-24.10846
29.25640	-24.10896
29.25649	-24.10935
29.25682	-24.10992
29.25770	-24.11167
29.25855	-24.11251
29.26145	-24.11363
29.26269	-24.11369
29.26438	-24.11356
29.26493	-24.11359
29.26521	-24.11371
29.26553	-24.11407
29.26562	-24.11462
29.26559	-24.11650
29.26590	-24.11693
29.26635	-24.11728
29.26675	-24.11739
29.26720	-24.11738
29.26786	-24.11707
29.26868	-24.11655
29.27006	-24.11650
29.27017	-24.11651
29.27184	-24.11715
29.27272	-24.11756
29.27401	-24.11907
29.27435	-24.11925
29.27529	-24.11946
29.27603	-24.11971
29.27650	-24.11993
29.27700	-24.12023
29.27747	-24.12046
29.27782	-24.12058
29.27808	-24.12091

29.27869	-24.12468
29.27941	-24.12941
29.28005	-24.13387
29.28087	-24.13905
29.28233	-24.14877
29.28256	-24.15011
29.28303	-24.15099
29.28495	-24.15368
29.28722	-24.15680
29.28751	-24.15699
29.28786	-24.15709
29.28818	-24.15712
29.28862	-24.15707
29.28911	-24.15690
29.29038	-24.15638
29.29353	-24.15519

Starting at point J (eastern cadastral boundary of the farm RIETFontein 34 KS), and follow the eastern cadastral boundaries of the farms RIETFontein 34 KS and MEINHARDSKRAAL 61 KS in a south easterly direction up to point K at the intersection with the Zebediela/ Pietersburg road.

29.29396	-24.15515	J
29.29975	-24.17100	
29.30477	-24.18429	
29.30521	-24.18548	
29.30659	-24.18934	
29.30732	-24.19359	
29.30759	-24.19538	
29.30887	-24.20323	
29.30927	-24.20579	

Starting at point K (intersection of the eastern cadastral boundary of the farm MEINHARDSKRAAL 61 KS and the Zebediela/Pietersburg road), and follow the Zebediela/Pietersburg road in a southerly direction up to point L ( the intersection of the Zebediela/Pietersburg road with the road R518, the ZEBEDIELA /MOKOPANE Road).

29.31068	-24.21422	K
29.30542	-24.21515	
29.30421	-24.21557	
29.30337	-24.21630	
29.30193	-24.21761	
29.30090	-24.21839	
29.29980	-24.21901	
29.29773	-24.21909	
29.29582	-24.21924	
29.29330	-24.21996	
29.29177	-24.22065	
29.29005	-24.22147	
29.28911	-24.22220	
29.28653	-24.22435	

29.28344	-24.22700
29.28136	-24.22850
29.28024	-24.22935
29.27982	-24.23000
29.27839	-24.23301
29.27646	-24.23705
29.27616	-24.23838
29.27593	-24.23928
29.27482	-24.24378
29.27394	-24.24771
29.27319	-24.25000
29.27290	-24.25084
29.27174	-24.25430
29.27171	-24.25457
29.27172	-24.25485
29.27189	-24.25548
29.27235	-24.25658
29.27337	-24.25913
29.27402	-24.26072
29.27485	-24.26285
29.27514	-24.26469
29.27572	-24.26905
29.27586	-24.26939
29.27602	-24.26968
29.27623	-24.26996
29.27742	-24.27082
29.28236	-24.27401
29.28554	-24.27616
29.28619	-24.27660
29.28641	-24.27672
29.28664	-24.27694
29.28843	-24.27897
29.29020	-24.28110
29.29355	-24.28504
29.29397	-24.28559
29.29408	-24.28592
29.29416	-24.28632
29.29411	-24.28674
29.29365	-24.28862
29.29333	-24.28980
29.29287	-24.29160
29.29285	-24.29271
29.29346	-24.29719
29.29356	-24.29827
29.29356	-24.29857
29.29351	-24.29895
29.29336	-24.29941

29.29319 -24.30002

L

Starting at point L (intersection of road R518 and Zebediela/Pietersburg road), and follow road R518 in a western and then north western direction up to point F (the starting point).

---

29.29256	-24.29988
29.28884	-24.29893
29.28724	-24.29849
29.28571	-24.29805
29.28486	-24.29771
29.28355	-24.29700
29.28222	-24.29600
29.27956	-24.29398
29.27858	-24.29334
29.27733	-24.29263
29.27653	-24.29228
29.27580	-24.29203
29.27422	-24.29164
29.27333	-24.29150
29.27165	-24.29140
29.26959	-24.29145
29.26808	-24.29126
29.26541	-24.29065
29.26292	-24.29078
29.26001	-24.29098
29.25619	-24.29195
29.25130	-24.29316
29.24566	-24.29459
29.24441	-24.29479
29.24367	-24.29485
29.24236	-24.29487
29.24120	-24.29483
29.24021	-24.29473
29.23732	-24.29418
29.23519	-24.29374
29.23361	-24.29356
29.23218	-24.29357
29.23095	-24.29370
29.22617	-24.29482
29.22436	-24.29529
29.22080	-24.29611
29.21893	-24.29655
29.21758	-24.29686
29.21506	-24.29746
29.21348	-24.29788
29.20940	-24.29883
29.20737	-24.29934
29.20541	-24.29978
29.20351	-24.30042
29.20244	-24.30081
29.19110	-24.30594
29.18755	-24.30757
29.18282	-24.30969
29.18094	-24.31058

---

---

29.17376	-24.31382
29.17026	-24.31544
29.16305	-24.31871
29.15798	-24.32102
29.15443	-24.32262
29.14200	-24.32828
29.13910	-24.32957
29.13718	-24.33023
29.13632	-24.33032
29.13533	-24.33028
29.13380	-24.33004
29.13073	-24.32950
29.12879	-24.32918
29.12736	-24.32916
29.12466	-24.32947
29.11900	-24.33001
29.10542	-24.33128
29.10012	-24.33176
29.09948	-24.33176
29.09629	-24.33151
29.09046	-24.33100
29.08849	-24.33077
29.08736	-24.33043
29.08505	-24.32937
29.08251	-24.32817
29.07495	-24.32463
29.07420	-24.32430
29.07336	-24.32380
29.07218	-24.32282
29.07125	-24.32163
29.07058	-24.32029
29.07004	-24.31911
29.06965	-24.31755
29.06957	-24.31689
29.06956	-24.31619
29.06963	-24.31526
29.07031	-24.31046
29.07087	-24.30639
29.07114	-24.30543
29.07163	-24.30421
29.07295	-24.30138
29.07394	-24.29902
29.07463	-24.29640
29.07502	-24.29392
29.07489	-24.29203
29.07463	-24.28982
29.07431	-24.28881
29.07375	-24.28762
29.07310	-24.28635
29.07193	-24.28433

29.07046	-24.28158
29.07025	-24.28090
29.07010	-24.27986
29.07000	-24.27867
29.06979	-24.27786
29.06939	-24.27708
29.06872	-24.27615
29.06740	-24.27459
29.06647	-24.27341
29.06583	-24.27288
29.06494	-24.27234
29.06398	-24.27203
29.06041	-24.27110
29.05963	-24.27078
29.05859	-24.27002
29.05801	-24.26938
29.05699	-24.26813
29.05341	-24.26379
29.05042	-24.26015
29.04958	-24.25855
29.04696	-24.25190
29.04596	-24.25026
29.04545	-24.24948
29.04435	-24.24776
29.04334	-24.24618
29.04225	-24.24454
29.03692	-24.23751
29.03615	-24.23635
29.03573	-24.23560
29.03543	-24.23476
29.03485	-24.23336
29.03384	-24.23061
29.03324	-24.22903
29.03246	-24.22695
29.03180	-24.22521
29.03127	-24.22328
29.03098	-24.22177
29.03048	-24.21930
29.03003	-24.21755
29.02922	-24.21585
29.02867	-24.21513
29.02809	-24.21431
29.02729	-24.21323
29.02661	-24.21242
29.02458	-24.20980
29.02340	-24.20824
29.02288	-24.20732
29.02270	-24.20684
29.02222	-24.20530
29.02082	-24.20090



29.02003	-24.19843
29.01991	-24.19770
29.01986	-24.19689
29.01987	-24.19242
29.01991	-24.18981
29.01989	-24.18932
29.01986	-24.18909
29.01978	-24.18890
29.01968	-24.18874
29.01962	-24.18865
29.01953	-24.18857
29.01911	-24.18835
29.01862	-24.18822

### Diagram of the World Heritage Site

