

Example sheet 8

National inventory of ancient quarries in Egypt


Based on information from the project and other researchers, the Egyptian Antiquities Information System (E AIS) at the Supreme Council of Antiquity has compiled a national database as an instrument for protection, monitoring and management of ancient Egyptian stone quarry landscapes, considering that the design and construction of a national map of ancient stone quarry landscapes in Egypt would not ONLY imply creating digital layers, but would deeply investigate the actual status of these quarries inside the Egyptian governmental administration. Hence, discovering the malfunction in the current

documentation system and consequently recommend possible protective measures. The primary output is the creation of a shapefile, which includes 193+ records. Each record represents a single ancient quarry landscape and is composed of several fields covering most of the essential information needed to recognize an ancient quarry. The practical aim is to have the output be used as an efficient tool to having the sites' physically protected and coherently managed by inspectors who are well aware of their values and significance.

Egypt_quarries

The ornamental stone, building stone and gemstone of Egypt
Status of quarries recorded by James Harrell.
84

Datum: WGS

ID	<input type="text" value="1"/>	Legal_status	<input type="text" value="Unknown"/>
JH_Number	<input type="text" value="H01"/>	Protection_area	<input type="text" value="No"/>
ID_EAIS	<input type="text" value="q010005"/>	Condition	<input type="text" value="Largely destroyed"/>
Governorate:	<input type="text" value="CAIRO"/>	Main_risk	<input type="text" value="Urban development"/>
Name	<input type="text" value="Gebel Ahmar"/>	Description	PS_visited <input checked="" type="checkbox"/>
Place	<input type="text" value="Cairo"/>	Klemm & Klemm 1993, p. 284ff Google Earth: Fully overbuilt, but there might be small islands of archaeological remains	
Region	<input type="text" value="Nile Valley"/>		
N	<input type="text" value="30.0526645"/>		
E	<input type="text" value="31.2983417"/>	JH_comments:	JH_visited_year: <input type="text"/>
Stone_group	<input type="text" value="Hard"/>		
Stone	<input type="text" value="Silicified sandstone"/>		
Main_period	<input type="text" value="Pharaonic"/>		
Age	<input type="text" value="OK-R"/>		
Link to Google Earth:	 1_Gebel_el_Ahmar.kmz		

Record: 1 of 193

Single entry in the Egyptian database

Structure and explanation of the fields used in the Egypt National Map shapefile

Field Name	Sample Data	Description	Field Originator
ID			
JH_Number	H03	A serial no. based on the categorization in J.Harrell's tables	WP5
ID_EAIS	q240044	ID code created based on the geographic location of the quarry site and its relation with the enclosing governorate.	WP7
Governorat	Al-Minya	Enclosing governorate	WP5
Name	Tilal Sawda	The quarry name as described in J. Harrell's tables	WP5
Place	By Behenasa	A description for the quarry's location as described in J. Harrell's tables	WP5
Region	Western Desert	The general region where the quarry is located	WP5
N	28.52016	North Latitude	WP7
E	30.5499761	Eastern Longitude	WP7
Stone_grou	Hard	The group to which the quarry stone belongs	WP7
Stone	Basalt	Stone type	WP7
Main_perio	Greco-Roman	The main period to which the quarry dates	WP7
Age	R	Other period(s) to which the quarry dates	WP5
Legal_stat	Unregistered	How the SCA regards the quarry	WP5
Protection	No	Whether the quarry undergoes and type of protection (e.g. World Heritage Site)	WP5
Condition	Partially destroyed	Current Condition	WP5
Main_threa	Mining and quarrying	Main threats endangering the quarry	WP5
Descript	No Google Earth high resolution coverage Eastern part of the site completely destroyed	Any additional relevant information	WP5
PS_visited	1	Whether the quarry was visited by Per Storemyr (1 = Yes, 0=No)	WP5
JH_visited	0	Whether the quarry was visited by J. Harrell (0=No, A year is specified in case the quarry as visited)	WP5
Field Name	Sample Data	Description	Field Originator
JH_comme nt		Other comments by J. Harrell	WP5
Hyp_Links	\\server-gis\Quarry Scapes\GIS_Data\National Map\pix_samples\HAR DSTONE QUARRIES\NILE VALLEY AND WESTERN DESERT\Ornamental Stones\q240044\q240044.jpg	A field essential to create the link to the sample photo (if exists)	WP7
Ident_Taft	unknown	Whether the quarry is identified by local inspectorates	WP7

