Pal_arch_EHCR

Description: *Collation of information from the Essex Heritage and Conservation Record database (SMR) and a desk based assessment of past and present Palaeolithic sites relating to ALSF eligible sites in Essex*

Area Covered: *3D modelling area as defined in PD etc*

Polygon Data:
  a) Individual polygons (from the BGS Artificial Ground Layer)
  b) EHCR ThurrockSMR shapefile (ECC HIR)

Polygons to be viewed by choosing the **Categories** option -**unique value** option on the symbology tab (Properties) and selecting **Poly_desc** in the drop down **Value field** (ArcView 8);
or
Choosing **unique value** in the drop down munu for **Legend type** and selecting **Poly_desc** in the drop down menu in the **Values field** (ArcView 3)

Attributes:

Field	Comment	Source Data
EHCR_No	Essex Heritage & Conservation Record unique id (formerly SMR number)	EHCR (Essex County Council Heritage Information & Records)
ASLF_No	Unique numerical project id (per polygon)	Selected_quarries_final_export_output
Same_as	Polygon which is part of the same site	
Poly_descr	Description of polygon in terms of source ie.exiting EHCR site	
Dig_by	Digitised by	
Dig_date	Digitised date	
Dig_scale	Digitised scale	Selected_quarries_final_export_output
AdminArea	Administrative area	EHCR
Name	Usual name by which the site is referred to (where known)	EHCR
Recordtype	EHCR record type	EHCR
Summary	Brief description	EHCR
Easting	Projected coordinate system:Easting	British_National_Grid
Northing	Projected coordinate system:Northing	British_National_Grid
NGR	National Grid Reference	British_National_Grid

Author: T.O'Connor (Essex County Council Heritage Information & Records)

Date: March 2004

Pot_exist_BGS

Description: Potential for analysis of existing collections of Palaeolithic material relating to ALSF eligible sites in Essex.

Area Covered: 3D modelling area as defined in PD etc

Polygon Data: a) Individual polygons (from the BGS Artificial Ground Layer

Polygons to be viewed by choosing the **Quantities** option **–graduated colours** option on the symbology tab (Properties) and selecting **Total_score** in the drop down **Value** field (ArcView 8); or
Choosing **Graduated colour** in the drop down munu for **Legend type** and selecting **Total_score** in the drop down menu in the **Classification field** (ArcView 3)

Attributes:

Field	Comment	Source Data
County	EX (Essex)	
ASLF no	Unique numerical project id (per polygon	Selected_quarries_final_ output_export
Same as	Polygon which is part of the same site	
EHCR no	Essex Heritage & Conservation Record unique id (formerly SMR number)	EHCR
Artefact_a	1.1 Abundance of artefacts	FWS DBA and recording sheet
Score 1	0 None 1 Single f-spot 2 Several 3 Abundant	
Artefact_d	1.2 Diversity of artefact types Sum of number of different types present	FWS DBA and recording sheet
Dep_hist	1.3 Artefact depositional history	FWS DBA and recording sheet
Score 2	0 Unknown 1 Significant fluvial transport 2 Minor fluvial/colluvial/solifluction transport 3 Undisturbed	
Sed_rec_sc	0 No archive 1 Sediments or biological material archived	P.Allen DBA and site visit
C_M_fauna	1.5 Cut-marked fauna	FWS DBA and recording sheet
Score 3	0 Absent 3 Present	
Hom_remain	1.6 Hominid remains	FWS DBA and recording sheet
Score 4	0 Absent 3 Present	
Biol_evid	1.7 Biological evidence	FWS DBA and recording sheet
Score 5	0 Absent 3 Present	
Biol_evid_d	1.8 Diversity of biological evidence	FWS DBA and recording

	Sum of number of different types present	sheet
History	1.9 History of investigation	FWS DBA and recording sheet
Score 6	0 Collection 2 Controlled collection 4 Controlled excavation	
Geol_info_s	1.10 Quality of geological information (GD1) 0 None 1 Regional literature or maps only 2 Basic site description available 3 Detailed site description available	P.Allen DBA and site visit
Score 7	0 None 1 Single/Several artefacts 2 Abundant artefacts	
Total score	Sum of #1.1–1.10 multiplied by #1.11	

Author: T.O'Connor (Essex County Council Heritage Information & Records)

Date: March 2004

Pal_and_surv_sed

Description: *Potential significance of surviving sediments and Palaeolithic archaeology relating to ALSF eligible sites in Essex.*

Area Covered: *3D modelling area as defined in PD etc*

Polygon Data: a) *Individual polygons (from the BGS Artificial Ground Layer)*
             b) *Geol_potential shapefile*

Polygons to be viewed by choosing the **Quantities** option **–graduated colours**
option on the symbology tab (Properties) and selecting **Total_score** in the drop down
Value field (ArcView 8); or
Choosing **Graduated colour** in the drop down munu for **Legend type** and selecting
Total_score in the drop down menu in the **Classification field** (ArcView 3)

Attributes

Field	Comment	Source
County	EX (Essex)	
ASLF_No	Unique numerical project id (per polygon	Selected_quarries_final_ export_output
Same_as	Polygon which is part of the same site	
Includes	Polygons which may be within or on outskirts of another polygon but not necessarily are part of the same quarry	
Sed_surviv	2.1 Sediment survival (within site or at margins) (GV2)	P.Allen DBA and site visit
Score 1	0 None 1 Some present	
Sed_signif	2.2 Sedimentological significance/potential (GV3) 0 No potential 1 Limited 2 Medium 3. High	P.Allen DBA and site visit
Arte_abun	2.3 Abundance of artefacts	FWS DBA and recording sheet
Score_3	0 None 1 Single f-spot 2 Several 3 Abundant	
Dep _Hist	2.4 Artefact depositional history	FWS DBA and recording sheet

Score_4	0 Unknown 1 Significant fluvial transport 2 Minor fluvial/colluvial/solifluction transport 3 Undisturbed	
C_M_Fauna	2.5 Cut-marked fauna	FWS DBA and recording sheet
Score_5	0 Absent 3 Present	
Hom_remain	2.6 Hominid remains	FWS DBA and recording sheet
Score_6	0 Absent 3 Present	
Bioenv_evi	Bioenvironmental evidence 0 - No potential 1 Limited 2 Medium 3 High	P.Allen DBA and site visit
Total	**Sum of #2.2–2.7 multiplied by #2.1**	

Author: T.O'Connor (Essex County Council Heritage Information & Records)

Date: March 2004

Her_Pot_BGS

Description: *Heritage potential of surviving sediments and Palaeolithic archaeology relating to ALSF eligible sites in Essex.*

Area Covered: *3D modelling area as defined in PD etc*

Polygon Data: a) *Individual polygons (from the BGS Artificial Ground Layer)*

Polygons to be viewed by choosing the **Quantities** option **–graduated colours** option on the symbology tab (Properties) and selecting **Total_score** in the drop down **Value** field (ArcView 8);
or
Choosing **Graduated colour** in the drop down menu for **Legend type** and selecting **Total_score** in the drop down menu in the **Classification field** (ArcView 3)

Attributes

Field	Comment	Source
County	Area ID = EX(Essex)	
ASLF_NO	Unique numerical project id (per polygon)	Selected_quarries_final_export_output shapefile
SAME_AS	Polygon which is part of the same site	
Sed_surv	3.1 Quantity of surviving Pleistocene sediments (GV1) 0 - None 1 Small amount 2 Moderate amount 3 Abundant sediments	P.Allen DBA and site visit
Access	3.2 Accessibility of surviving sediments (GV6) 0 No deposit 1 Poor; covered/no faces/faces inaccessible 2 Moderate; limited cleaning possible, restricted access 3 -Good; reasonable or unrestricted access	P.Allen DBA and site visit
Artefact_A	3.3 Abundance of artefacts	FWS DBA and recording sheet
Score_2	0 None 1 Single f-spot 2 Several 3 Abundant	
Artefact_D	3.4 Diversity of artefact types Sum of number of different types present	FWS DBA and recording sheet
Lg_mam_rem	3.5 Large mammalian biological evidence	FWS DBA and recording sheet

Score_3	0 None 1 Some 2 Abundant	
Coll_holdi	3.6 Collection holdings	FWS DBA and recording sheet
Score_4	0 None 1 Single artefact 2 Several artefacts 3 Abundant artefacts	
Total	Total Sum of #3.1–3.6	

Author: T.O'Connor (Essex County Council Heritage Information & Records)

Date: March 2004