

Appendix 5 GeoDiversitY Database

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Microsoft Access - [GeoDiversityAssessment : Form]

File Edit View Insert Format Records Tools Window Help

Tahona 10

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Welcome to the GeoDiversitY Browser.

To browse for Assessments Enter any criteria you like into the boxes and press the Find Records button

Select a Feature Enter any Part of a Name or a whole name

Select a Current Use

Select Primary Gsm Other Scientific Merit

OSM Biology OSM Archaeology

OSM Ecology

Select a Designation

DESIGNATION PROPOSED
SSSI GCR RIGS DCGS GCRP RIGS

Select GSM

Presence Lithology
Sedimentary Ign / Min / Meta
Structure Palaeontology
Geomorphology

Fragility

Geohazard Collecting
Wealth/ Erosion Dumping
Natural Overgrowing Development

Potential Use

Research Onsite Interpretation
HE / FE Onsite Geotrail
School Education Incorporated
Multi Disciplinary

Retrieve Records Using Search Parameters

Clear All Selection Fields

CURRENT SITE VALUE Assessment Status

COMMUNITY EDUCATION

Exit

Database, Application Design and Build by Ken Lawrie March 2004 contact 0131-650-0314 or kig@bgs.ac.uk

Record: 14 of 1154

Form View

(Appendix 5 Table 1) GeoDiversitY database — browser window

Microsoft Access - [GeoDiversityAssessment : Forms]

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BrowseGID Page 1 - GDV Main Page 2 - Fragility Rank Page 3 - Ranking Criteria Page 4 - Variables and BGS ID's Dictionaries Standard Document Links

The BGS Geodiversity Assessment Entry System

LOCAL GEODIVERSITY ACTION PLAN (LGAP) ASSESSMENT OF GEOLOGICAL SITES

LGAP WESTLOTH

SCORER Sarah Arkley SLBA OBSERVED? On 18 November 2005

SITE NAME East Kirkton Quarry NGR NS 9901 6913

FEATURE A_QRYWDR Add Link ACCESS ?Public access. Park off Limefield Road to the southwest of the quarry (NS 9894 6889) enter quarried area at southern end (NS 9905 6896)

CURRENT USE DISUSED PROPOSED

DESIGNATION SSSI GCR REGS DCGS SNCE NWTR GCRP REGS

SAM NATP NSA NNR LNR SAC SPA RAMS

OWNERSHIP DETAILS West Lothian Council and National Museums of Scotland

GEOLOGICAL DESCRIPTION AND ASSOCIATED REFERENCES / DOCUMENTS / IMAGES etc.

| Link No | GDY ID | Link Type | Document Hyperlink | Doc Category |
|---------|--------|-----------|--------------------|--------------|
| | | | | |

Record: 1044 of 1154

CURRENT SITE VALUE COMMUNITY 4 EDUCATION 6

Select a Museum Resour Assessment Stat

Exit

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Record: 1044 of 1154

Form View

(Appendix 5 Table 2) GeoDiversitY database — locality data entry window

Microsoft Access - [GeoDiversityAssessment : Forms]

File Edit View Insert Format Records Tools Window Help

Tahoma 8 B I U

BrowseGID Page 1 - GDV Main Page 2 - Fragility Rank Page 3 - Ranking Criteria Page 4 - Variables and BGS ID's Dictionaries Standard Document Links

FRAGILITY

GEOHAZARD COLLECTING
 WEATHERING / EROSION DUMPING
 NATURAL OVERGROWING DEVELOPMENT

FRAGILITY NOTES Situated on the edge of Bathgate the site is prone to people leaving rubbish, which has been set fire to in the past. Some graffiti and sooting of the quarry face is

GEOLOGICAL SCIENTIFIC MERIT

| | PARTY | QUALITY | LITERATURE / COLLECTIONS | OTHER SCIENTIFIC FIELDS TO WHICH THIS SITE IS OF KNOWN IMPORTANCE |
|--|-------|---------|--------------------------|---|
| LITHO-STRATIGRAPHY | | | | <input type="checkbox"/> BIOLOGY <input type="checkbox"/> ARCHEOLOGY <input type="checkbox"/> ECOLOGY OTHER |
| SEDIMENTOLOGY | | | | |
| IGNEOUS / MINERALOGY / METAMORPHIC GEOLOGY | | | | |
| STRUCTURAL GEOLOGY | | | | |
| PALAEONTOLOGY | 8 | 8 | 8 | <input checked="" type="checkbox"/> 1st Pres? <input checked="" type="checkbox"/> NOTES |
| GEOMORPHOLOGY | | | | Quarry is in the Lower Carboniferous East Kirkton Limestone. Noted for the wealth of superbly preserved arthropods, especially scorpions and eurypterids. |

POTENTIAL USE

RESEARCH ON-SITE GEOTRAIL
 HERITAGE / FE INCORPORATED
 SCHOOL EDUCATION MULTI-DISCIPLINARY

NOTES Site could support an on-site interpretation board describing the environment and animals which are preserved in the rocks, or be part of an Bathgate

FURTHER INFORMATION

Geodiversity LithoStrat Codes : Use Lexicon Codes wherever possible and separate them with a semi-colon please

EXL-UMST

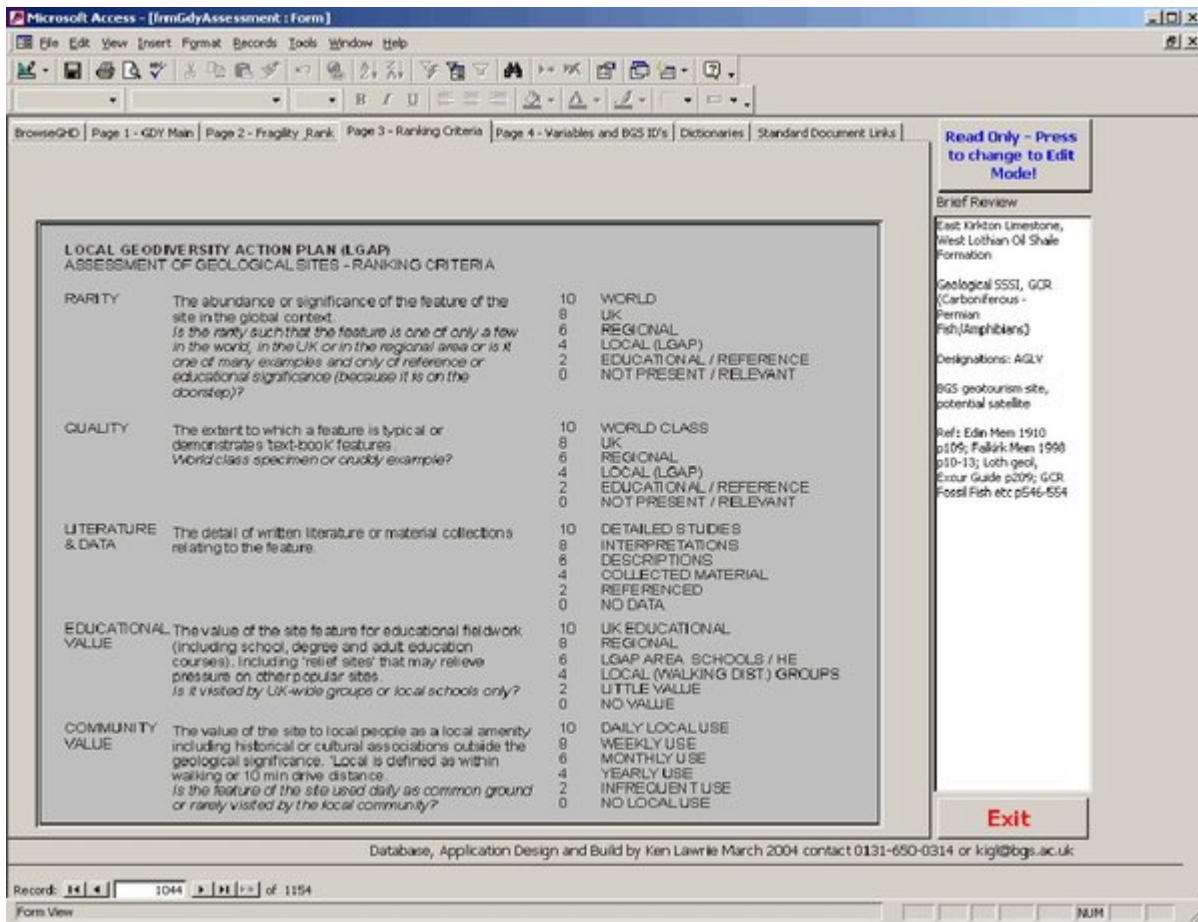
Exit

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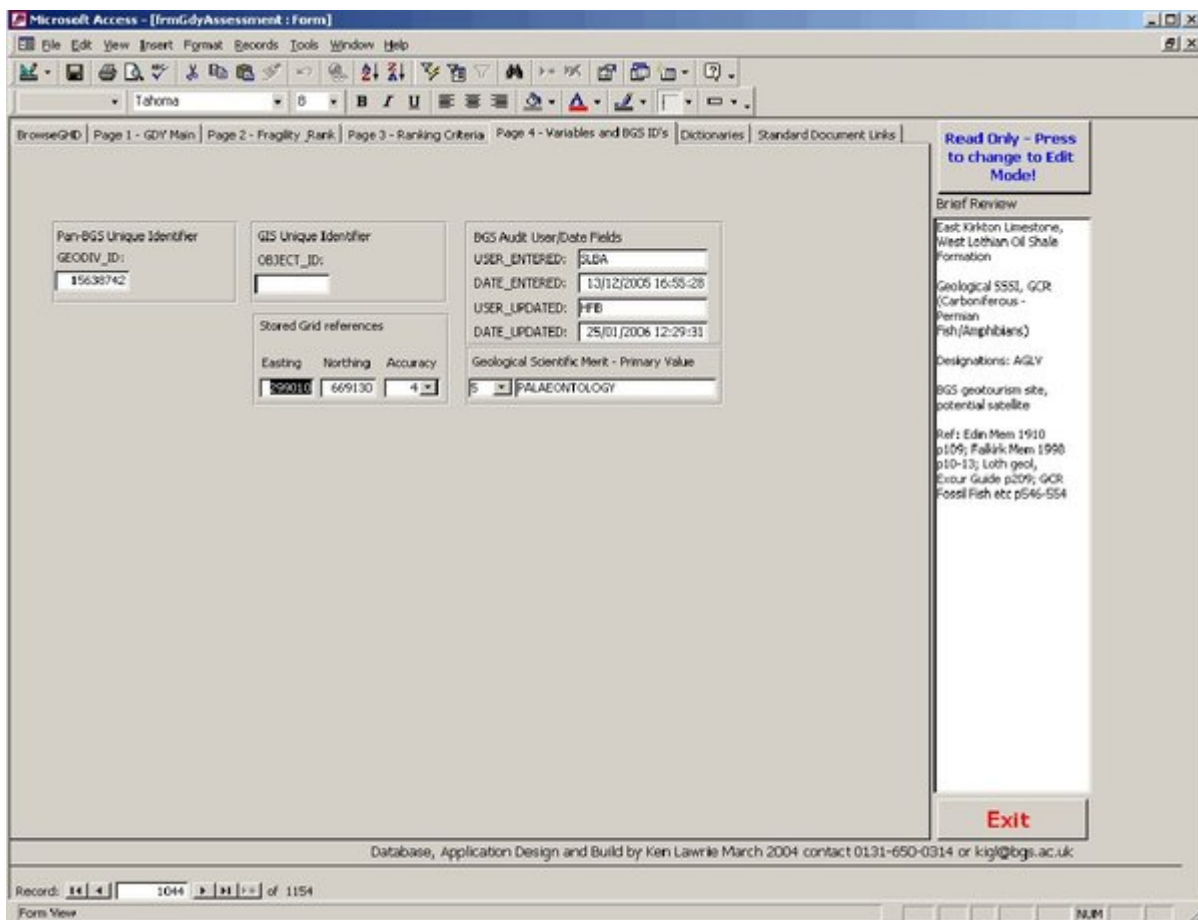
Record: 1044 of 1154

Form View

(Appendix 5 Table 3) GeoDiversitY database — main geodiversity data entry window



(Appendix 5 Table 4) GeoDiversitY database — ranking criteria window



(Appendix 5 Table 5) GeoDiversitY database — variables and ID window

Microsoft Access - [GeoDiversityAssessment : Form]

File Edit View Insert Format Records Tools Window Help

Tahona

BrowseGH | Page 1 - GDI Main | Page 2 - Fragility_Rank | Page 3 - Ranking Criteria | Page 4 - Variables and BGS ID's | Dictionaries | Standard Document Links

Read Only - Press to change to Edit Mode!

Brief Review

East Kirkton Limestone, West Lothian Of Shale Formation

Geological SSSI, GCR (Carboniferous - Permian Fish/Angelsteins)

Designations: AGLV

BGS geotourism site, potential satellite

Ref: Edin Mem 1910 p109; Falkirk Mem 1998 p10-13; Loth geol, Excour Guide p209; GCR Fossil Fish etc p546-554

Exit

Pick Dictionary to work with

| CODE: | DESCRIPTION: | TRANSLATION: | STATUS: |
|-----------|---------------------------------------|--|---------|
| N_SECTION | NATURAL SECTION | Natural outcrop of one or more geological features forming a linear exposure (river se | C |
| N_EXPOSUR | NATURAL EXPOSURE | Natural outcrop of geological feature | C |
| N_LANDFOR | NATURAL LANDFORM | Constructional or erosion geomorphological feature (valley, crevasse, dune, all Q feat | C |
| N_VIEW | NATURAL VIEW | Collection of geological features forming a landscape overview interpretation | C |
| A_MINWOR | ARTIFICIAL MINE WORKINGS | Feature produced by minerals/coal workings (adit, spoil, hush etc) | C |
| A_QRYWOR | ARTIFICIAL QUARRY WORKS | Feature produced by stone/aggregate workings (quarry, pit, waste dumps etc) | C |
| A_SECTION | ARTIFICIAL SECTION | section exposure created artificially by work to construct a road/track/path etc | C |
| A_EXICAV | ARTIFICIAL EXCAVATION | Artificially created exposure (excavation - not related to any of the above) | C |
| - | NOT APPLICABLE | Not Applicable | C |
| ! | NOT AVAILABLE | Not Available - Applicable but try as we might, we can't find a value. | C |
| ? | NOT ENTERED | Not Entered - We haven't assigned a value yet | C |
| N_SAMPLE | Natural geological sample not in situ | Natural geological sample not in situ | C |
| A_SAMPLE | Manmade Artefact | Manmade Artefact | C |
| * | | | |

Record: 1 of 13

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Record: 1044 of 1154

Form View

(Appendix 5 Table 6) GeoDiversity database — dictionary window

LOCAL GEODIVERSITY ACTION PLAN (LGAP)
ASSESSMENT OF GEOLOGICAL SITES

LGAP

SCORER DATE OBSERVED?

SITE NAME BNG

FEATURE ACCESS OWNERSHIP DETAILS

CURRENT USE

CURRENT DESIGNATION

DESIGNATED FOR

GEOLOGICAL DESCRIPTION

PHOTO

REFERENCES

CURRENT SITE VALUE
EDUCATIONAL
COMMUNITY

FRAGILITY
 GEOHAZARD COLLECTING
 WEATHERING / EROSION DUMPING
 NATURAL OVERGROWING DEVELOPMENT

NOTES

GEOLOGICALSCIENTIFIC MERIT

| | RARITY | QUALITY | LITERATURE / COLLECTIONS | 1st | NOTES |
|--|--------------------------|--------------------------|--------------------------|--------------------------|----------------------|
| LITHO-STRATIGRAPHY | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| SEDIMENTOLOGY | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| IGNEOUS / MINERALOGY / METAMORPHIC GEOLOGY | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| STRUCTURAL GEOLOGY | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| PALAEONTOLOGY | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| GEOMORPHOLOGY | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

OTHER SCIENTIFIC FIELDS TO WHICH THIS SITE IS OF KNOWN IMPORTANCE
 BIOLOGY ARCHEOLOGY
 ECOLOGY OTHER

POTENTIAL USE
 RESEARCH ONSITE INTERPRETATION
 HE / FE ONSITE GEOTRAIL
 SCHOOL EDUCATION INCORPORATED
 MULTI-DISCIPLINARY

NOTES

FURTHER INFORMATION

(Appendix 5 Table 7) GeoDiversitY database — Form for field use at geodiversity sites page 1

**LOCAL GEODIVERSITY ACTION PLAN (LGAP)
ASSESSMENT OF GEOLOGICAL SITES - RANKING CRITERIA**

| | | | |
|------------------------------|---|----|------------------------------|
| RARITY | The abundance or significance of the feature of the site in the global context. <i>Is the rarity such that the feature is one of only a few in the world, in the UK or in the regional area or is it one of many examples and only of reference or educational significance (because it is on the doorstep)?</i> | 10 | WORLD |
| | | 8 | UK |
| | | 6 | REGIONAL |
| | | 4 | LOCAL (LGAP) |
| | | 2 | EDUCATIONAL / REFERENCE |
| | | 0 | NOT PRESENT / RELEVANT |
| QUALITY | The extent to which a feature is typical or demonstrates 'text-book' features. <i>World class specimen or cruddy example?</i> | 10 | WORLD CLASS |
| | | 8 | UK |
| | | 6 | REGIONAL |
| | | 4 | LOCAL (LGAP) |
| | | 2 | EDUCATIONAL / REFERENCE |
| | | 0 | NOT PRESENT / RELEVANT |
| LITERATURE & DATA | The detail of written literature or material collections relating to the feature. | 10 | DETAILED STUDIES |
| | | 8 | INTERPRETATIONS |
| | | 6 | DESCRIPTIONS |
| | | 4 | COLLECTED MATERIAL |
| | | 2 | REFERENCED |
| | | 0 | NO DATA |
| EDUCATIONAL VALUE | The value of the site feature for educational fieldwork (including school, degree and adult education courses). Including 'relief sites' that may relieve pressure on other popular sites. <i>Is it visited by UK-wide groups or local schools only?</i> | 10 | UK EDUCATIONAL |
| | | 8 | REGIONAL |
| | | 6 | LGAP AREA SCHOOLS / HE |
| | | 4 | LOCAL (WALKING DIST.) GROUPS |
| | | 2 | LITTLE VALUE |
| | | 0 | NO VALUE |
| COMMUNITY VALUE | The value of the site to local people as a local amenity including historical or cultural associations outside the geological significance. 'Local' is defined as within walking or 10 min drive distance. <i>Is the feature of the site used daily as common ground or rarely visited by the local community?</i> | 10 | DAILY LOCAL USE |
| | | 8 | WEEKLY USE |
| | | 6 | MONTHLY USE |
| | | 4 | YEARLY USE |
| | | 2 | INFREQUENT USE |
| | | 0 | NO LOCAL USE |

(Appendix 5 Table 8) GeoDiversitY database — Form for field use at geodiversity sites page 2